

Chief, [REDACTED] 6

22 July 1954

Chief, Contact Division [REDACTED] 6

H Case [REDACTED] Request for Seeds of Peganum harmala L. "African Rue."

6 1. [REDACTED] requests that we obtain one pound or more of the sun dried seeds of subject named herb. These seeds will be used for continuing research concerning the hypnotic and narcotic effects of certain plants. Soviet interest in this particular plant is evidenced by the enclosed attachment taken from a book published in 1949.

2. According to information available here this plant was recently introduced in the United States and is reported to have been established on a dry range near [REDACTED] by about 1940. It is native to North Africa and Arabia and is known to grow eastward as far as Tibet. It is a perennial herb with much branched stems and alternate leaves which are parted or divided into linear segments. The flowers are axillary with five sepals, five petals, yellow, and about 1 cm long. There are fifteen stamens and a solitary pistil. The fruit is a many seeded capsule. I

3. The seeds and leaves of this plant are known to contain toxic alkaloids including Harmine and Harmaline. H

C [REDACTED] reported the death of guinea pigs upon the experimental feedings of seeds and alkaloids extracted from the leaves. I

6 1. [REDACTED] also advises that another plant, Peganum Mexicanum, A. Gray, which is closely related to Peganum harmala L., is also believed to have a toxic effect. This herb is collected on the sides of the Chiricahua Mountains in East Cochise County, Arizona and has also been seen in Southeastern Texas and Northeastern Mexico. We are requested to obtain a pound or more sun dried seeds of this plant as it is also known to contain Harmaline.

5. There are funds available for the procurement of the items mentioned in this memo. If special expenditures are necessary we will advise you of the proper allotment number.

B [REDACTED] [REDACTED] H
[REDACTED]
APPROVED FOR RELEASE

DATE 1 JUN 1978

4-289

107

6. It is suggested that these requirements may be filled by contacting staff members of the [REDACTED]

B [REDACTED] In addition to the seed of the plants it would be highly desirable to obtain several carefully dated specimens of the entire plant.

7. FBI considerable checking was done before it was decided that the most effective method of handling this case was through OC/C rather than the Liaison Division of [REDACTED] 6

A [REDACTED]

A [REDACTED]

Enclosure: (1)

[REDACTED]

A/B 4, 19/8

11 June 1952

A

H-B/6
B/3

[REDACTED] called to advise that [REDACTED]. Proposed B/6
Chairman of the [REDACTED] for Project Artichoke.
will be in Washington Tuesday afternoon. [REDACTED] asked that
I alert you and he will advise the exact time when you may
see [REDACTED] later.

B/6

[REDACTED] advises that [REDACTED] has only "SECRET" clearance
although they are working on the "TOP SECRET". Since the only
paper [REDACTED] has on the subject is classified "TOP SECRET -
EYES ONLY" he would appreciate anything we can do to provide
him with instructions or another paper to be used in briefing
[REDACTED] with classification no higher than "SECRET". I
advised him that you would get in touch with him on this subject.

A

H-B/3

B/6 B/6

A

AKTICHOKE

DRAFT

27 February 1952

11

224 pages

MEMORANDUM FOR: THE RECORD

SUBJECT: Contract with

1. Under cover of being a consultant to
visits were made to

on 11 and
12 February 1952. The arrangements for the meeting were made by

2.

(Crude curare, a dried extract of certain South American plants, has been used as an arrow poison by South American natives for many years.)

(The pure material produces paralysis of voluntary muscles, which makes it a useful adjunct to anesthesia in surgery.)

3. Curare had a very limited usefulness in medicine before the advent of pure d-tubocurarine chloride because the available products contained impurities which made the results from the use of the drug rather unpredictable. The form of the drug now available apparently produces essentially predictable results. Small doses of d-tubocurarine chloride produces relaxation of the skeletal muscles. Larger amounts produce paralysis without producing anesthesia or affecting the central nervous system. Death comes from a paralysis of the muscles which control breathing (asphyxia). The alkaloid is usually injected as an aqueous solution; it is effective in 12 to 15 seconds if injected intravenously, in 8 to 12 minutes if injected intramuscularly. If introduced into the body by another procedure it is effective in 3 to 5 minutes.

but my guess is that he was referring to administration as an arrow! It is not particularly effective if taken orally.

4. RESEARCH

RESEARCH PROBLEMS FOR MEDICAL APPLICATIONS

D-tubocurarine chloride in aqueous solution acts very rapidly, but the effect also decreases at a rapid rate. The rapid initial action is often desirable for medical uses, but the short period of effective activity is often a serious difficulty. In order to overcome this difficulty, preparations of the alkaloid have been made by incorporating it in a slow absorption base capable of delivering a clinically effective dose at a constant rate over an extended period of time. A product prepared by _____ is incorporated in a base consisting of peanut oil, arachidyl ester derivatives, and benzoin; this is sold by Endo under the trade name "Tubedil". Similar products are sold by Squibb (containing oil and myristin) and Abbott (containing oil and wax). This material is of value in the treatment of traumatic injuries because a good deal of the pain and disability in many cases are due to muscle spasm. This can be controlled over long periods (12 to 24 hours with one injection) without the use of narcotics. The disadvantage of these preparations is that they must be varied before use to obtain a homogeneous preparation and it must be handled by a person experienced in giving injections.

a. Long-acting Curare Preparation for Self-administration

A long-acting curare preparation which could be readily self-administered (adaptable to use in humans, for instance) or administered by trained or untrained individuals would be of great value in the immediate relief of pain and disability arising from injuries to troops or civilians during war-time conditions. In many cases a disabled person could be returned to immediate effectiveness, in others the extent of disability could be materially reduced.

_____ feels his experience and facilities well qualify him to develop a curare preparation suitable for this purpose; he feels he can prove or disprove the feasibility of his ideas within about four months. He would like to obtain a research contract to develop a preparation with these specifications: (1) Has an immediate curare effect; (2) Has a prolonged curare effect; (3) Can be used in open type equipment; (4) Does not require preliminary heating or other preparation; (5) Produces standard predictable results. He wants to produce several products, using different (curare-type) compounds and various formulations and subject them to preliminary animal experimentation. He can arrange for further animal experimentation and clinical tests on they can be done anywhere the may desire.

b. Curare Preparation for Field Nerve Gas Protection

_____ believes he can produce a curare formulation which would be immediate-acting, can be self-administered (for instance, syringe), and which will be far superior to Nerve Gas Field Protection now available. This would be a different product

from

from (a) above, and he has tried his ideas with anti-curaries. He would like to have a research contract to develop his ideas. He proposes to prepare the formulations; animal and clinical testing would be up to _____

c. Remarks

(1) The above ideas were offered without being solicited or prompted by me. I was careful to try to neither verify nor deny any ideas he had which touched on classified _____ interests; no classified information was knowingly volunteered by me to _____

(2) _____ said the \$20,000 to \$25,000 estimate he made to _____ for a research project referred to a and b, above. The amount was given on the spur of the moment and does not represent a considered estimate. If the _____ expresses an interest, he will submit a more considered estimate and break the figures down to individual items.

(3) If he gets a contract from _____ he intends to obtain the services of _____ (later he said _____ will probably become associated with him whether he gets a contract or not)

(4) _____ mentioned these men as being acquainted with his work and the general field: _____

5. IDEAS ON CURARE USE

The following ideas to divert use of curare were obtained during the discussions with _____:

a. Partially purified curare is used successfully by South American natives to kill game and enemies. The material is put on the tip of spears or blow darts and it produces an almost immediate paralysis of the victim. _____ described native methods and results and showed specimens of the equipment

b. _____ in 1941 concerning possible Military uses for curare alkaloids. At that time there was interest because the Germans seemed to be quite interested in crude curare. It was found that very finely divided crude curare (preferably of the strychnos type) plus a nasal irritant had an almost immediate paralyzing effect when released as an aerosol or powder. He felt the main difficulty with curare

for

for Military use was the rarity of the material (this would be no disadvantage for covert use). There are many water soluble phytoalkaloids with powerful physiological properties in crude curare, and the nasal irritant greatly increased the rate of absorption of the toxic material.

c. The situation has rapidly changed since 1941, so that now far more potent agents can be obtained from crude curare. The crude material contains toxiciferous compounds for Military (covert) use would be comparatively difficult because of the time and work it would take to extract, identify, and test individual toxiciferous compounds.

d. Partially purified crude curare would be easy to obtain and have possibilities for Military (covert) uses. It is more potent than pure d-tubocurarine chloride. It has both the d-tubocurarine chloride properties and what are usually considered undesirable side effects for curare used in medicine. These additional effects involve histamine-like reactions. This material plus a nasal irritant should have an immediate powerful effect in small amounts, when released as an aerosol or powder. It would be very effective if introduced within the body by a dart, etc. It has little or no effect if it gets into a small break in the skin or if taken orally.

e. _____ apparently is primarily interested in the defensive use of curare, but he said he would very willingly cooperate in any way he could in anything involving the defensive or offensive use of curare alkaloids.

5. ACTION:

a. Pass the information in paragraph 3 along to _____ for whatever action they feel desirable.

b. Obtain a TOP SECRET security clearance for _____ and pursue the potential covert uses of curare alkaloids further.

Research & Development

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which are extremely toxic. However, developing toxiciferous compounds.

C A/B, I, 64, 7
DRAFT- A

9 February 1952

MEMORANDUM FOR: THE RECORD

SUBJECT: C Initial Contact with _____

C
A
A+C
C
1. On this day, the writer contacted _____
The contact was made through _____ OO field station. _____ accredited me to _____ as a CIA representative and then left _____ and the writer alone.

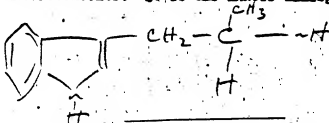
C+D
2. _____
the constrictor substance, benzedrine, and other similar drugs.

C
C
3. _____ central nervous system depressants and stimulants, both in their peripheral and central manifestations. _____ to conduct active research where _____ facilities and competence could be effective. _____ of any new substance or other matters of interest to us in the general field of chemical materials that might be of use to us.

C
4. _____ it is the writer's feeling that small, very sensitive problems could be very securely carried out _____

5. The following specific facts were brought out in our discussion:

C
a. Indole analogue of benzedrine - _____ mentioned a very interesting substance which they ran across in their benzedrine researches. It is the indole analogue of benzedrine.



When given at a dosage of 50 mg orally this compound gives the subject a profound depression - just the opposite of euphoria. It apparently gives a deep-seated depression of the central nervous system which extends into the mental sphere of mood and alertness. They didn't look into this any further because it produced this very undesirable reaction. _____ thinks that many indole derivatives should be studied for this type of activity.

b. LSD - The discussion touched on LSD only insofar as _____ inquired as to whether anyone was looking into indole derivatives as structural analogues of LSD. He thought this field should be studied intensively in order to find compounds much simpler than LSD in structure that have the same kind of activity. He suggested that we find out what _____ has done in indole compounds.

c. Methylene dextro benzedrine - _____ has answered the fact that the methylene dextro analogue of benzedrine produces hallucinations mental images and mental confusion in doses of 100 mg taken orally. Their studies on visual imagery and knee-jerk reflex indicate profound CNS effect for this type of compound.

d. Quaternary Salts - They discovered that the hexadecyl tributyl ammonium ion has very high toxicity administered intravenously in gamma quantities.

e. Capsaicin - _____ in connection with researches "demonstrating benzedrine inhalers", found that capsaicin, the active principle of red pepper, and some simpler synthetic analogues were very effective in producing a harmless burning sensation on contact in extremely low concentrations.

f. Marijuana - _____ indicated that a more or less comprehensive piece of research had been done during the last war at the _____ under _____ on the efficacy of Marijuana for eliciting information. _____ didn't know any of the details.

g. _____ indicated that the person in this country that he thinks is most highly qualified in the field of pharmacopsychology along the lines in which we are interested is _____

6. _____ indicated that he would be willing to fill out a PES form if we so desired.

Chemical Branch
Research & Development

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11 February 1952

MEMORANDUM FOR: THE DIRECTOR

SUBJECT: Contact with [redacted]

1. This day the writer briefed [redacted] on certain research interests and needs of RND. A detailed tour of the [redacted] was also made later in the day. [redacted] aside from the potential involved in his own scientific acumen and in those of his [redacted] is obviously in intimate touch with practically all the chemical and pharmaceutical manufacturers on the [redacted]. He makes trips to Washington frequently and has agreed to call the writer when he is in town.

2. The contact with [redacted] was made through [redacted] of the [redacted] CO field station who introduced the writer as a CIA representative and then left.

3. [redacted] have a technical staff of about [redacted] professional chemists, biochemists and engineers, and are currently actively engaged in research in the following fields:

4. The physical facilities of the laboratory seem to be adequate to do effective work in these fields and the personnel that the writer contacted seemed well trained and enthusiastic.

5. [redacted]

5. _____ indicated that he would be glad to "brikinate" or facilitate procurement of small orders of specialty chemicals where this would be of assistance to us.

6. It is the writer's opinion that ~~these facilities~~ facilities could be of considerable use to us in the following ways:

a. To handle small problems in applied chemical and biochemical research.

b. To help procure small amounts of sensitive or difficultly obtainable chemicals.

c. To keep us advised of chemical research activities in our fields of interest on the _____

7. _____ will be happy to fill out a PMS.

A. _____
Classical Branch
Bureau of Development

Distribution:
Addressee - Only
TSC - 1
CD Bureau

A. _____

7 February 1952

MEMORANDUM FOR: THE RECORD

SUBJECT: Contact with

1. Under cover of being a consultant to _____ was contacted to discuss the technical aspects of the dog leaser problem. In general _____ proved to be an exceedingly competent scientist, combining a brilliant, incisive intellect with versatile interest in all phases of human psychology.

2. _____ disqualified himself and his department from any work on sensory perception in dogs, pointing out that they had not a great deal of specific experience with dogs as subjects, nor did they have people strong in the chemical and "gadgetsoring" disciplines necessary for this kind of work. A detailed discussion of the dog problem indicated that _____ felt very strongly that the basic part of the research should be handled by a research psychologist, strong in comparative animal psychology and with a good background in the disciplines mentioned above. He suggested the following as some likely candidates:

3. Entirely unsolicited, _____ mentioned some ESP work in dogs recently reported in the Journal of Parapsychology. This led to a general discussion by him of ESP, _____ work and very recent British

British work in this field. The writer evinced no interest in this, but it was obvious that [redacted] was vitally interested in this subject, and his discussion of the subject revealed the following points:

a. [redacted] thinks that ESP is well proven, and they are starting work in this field at [redacted]. The main difficulty is in providing "hot" subjects. Some have been uncovered yet.

b. The British work is much better than the Duke work to date. It is more imaginative and the experiments are much better laid out.

c. [redacted] himself is too wrapped up in trying to prove a theological point to be a completely effective experimenter.

d. Much experimental work can be done in this field.

e. The [redacted] is interested in getting financial support for such work.

f. Should we desire, [redacted] indicated a willingness to fill out FM forms. The writer thinks [redacted] would be an excellent addition to NED's group of consultants, since we have no one cleared at the consultant level who is thoroughly competent to discuss various psychological problems.

A
[redacted] Chemical Branch
Research & Development

Distribution:
Addressee - Orig.
TSS - 1
CS Chrome

4/6-64
DRAFT.

7 February 1952

MEMORANDUM FOR THE RECORD

SUBJECT: Discussion held with _____

1. On this date, the writer contacted _____ on the basis of an appointment made by _____ OSI. The purpose of the visit was to get _____ critical appraisal of the contemplated research program on various chemicals for use in covert warfare.
2. In a discussion of the production of retrograde amnesia by chemical means, _____ dwelt at some length on two physical techniques which he had previously discussed with _____.
- a. Electroshock - _____ believes that electroshock, repeated three or four times in the space of one hour, should produce a high degree of retrograde amnesia. He said it would be almost impossible for them to test this experimentally at _____, because of the severity of the treatment to the patient.
- b. "Icepick Operation" Use electroshock to produce anesthesia, a Washington surgeon has many times successfully performed an operation involving piercing the brain (out over the eye with a fine surgical "icepick" and destroying certain frontal brain tissue, with nervous-confusional and amnesia effects. This operation leaves no marks on the skin.
3. The possibilities of using $\text{Et}(\text{Et})_2$, privity, mectrazole, high O_2 tensions, anti-vitamins, Be, and LSD was discussed with _____. He thought they all offered some promise, but would place high O_2 tensions and anti-vitamins at the bottom of the list. He thought that research to answer our specific questions on each of these substances was needed, particularly in the case of LSD. He was asked if any of the work he was aware of could answer our needs. His opinion was that experimental work specifically designed to our operational needs would provide the answers.
4. _____ mentioned the Hypospray Injector and was pleased to hear that we were working on it. He gave the writer some interesting literature on amnesia.

A _____
Chemical Branch
Research & Development

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A/15, I, 11, 6

DRAFT. — A
6 February 1952

MEMORANDUM FOR: THE RECORD

SUBJECT: Contact with

C+B
B
C
1. Under cover of being a consultant to _____
the _____ a visit was made to _____ of the _____
has been research director of
the hospital for about a year having last been
author of the important text recently published

B
3. The current research effort at _____ is being directed along
the following three lines, with many prospects in the planning stage:

B+C
a. High Oxygen Tensions -

_____ a research proposal entailing
_____ to study the
effect of high oxygen tensions in normal and psychotic patients. (In
all research at _____, normal controls are available from
volunteers and the hospital staff). If the content of oxygen in a
preparatory gas mixture is raised from the normal 80% to 50%, mental
confusional effects become apparent in both normal and psychotic
patients. The _____ interest in this arises from the fact that
practically all of the elderly psychotic patients have cerebral
arterial atherosclerosis, which means that the brain is not getting enough
oxygen. This is a relatively uncharted field, with obvious implications
for our requirements.

C
b. Glutamic Acid - It is known that giving repeated doses of glutamic acid acts as a slow continuous stimulant to the adrenal medulla, which produces a constant slight excess of adrenalin in the blood, producing a peculiar type of hyperactivity, with a stage of mental confusion. is interested in a very comprehensive experiment to pin down the parameters of this effect in normal and psychotic patients.

C
d. Atropine Substitutes - Atropine, with its effect on acetyl choline esterase is of great interest in several forms of mental disease. Acetyl choline is the mediator for the nervous system and in his work on G-gases, for developing atropine as the effective protective agent. In mental diseases like Parkinson's Disease and epilepsy, atropine like compounds with a minimal peripheral effect and maximum central effect are needed. Extensive research is being undertaken at the Hospital to uncover such compounds.

4. Other points brought up in a general discussion of our requirements were:

a. Vitamin B₁ Deficiencies - Since the brain can use only carbohydrate for energy, and since the metabolism of Krebs's cycle, B₁ deficiencies have functioned brain disturbances. Acute B₁ avitaminosis actually causes permanent degenerative brain damage. This would seem to open the possibility of using thiamine antagonists to produce confusional and other mental states.

C
b. Listlessness - _____ thinks that a rational approach to our urgent operational requirement for a chemical producing a general listlessness and lethargy might be in a compound which produces a general avitaminosis. He pointed out that the general lethargy and lack of productiveness of the very low income groups, in the southeastern U. S. is due to avitaminosis for vitamins B₁, B₂, C and nicotinic acid.

C
B
5. _____ indicated a desire to help in any way possible, urged us to consult further with him, and indicated his willingness to fill out a FMS form. He also promised to send us a copy of his research proposal to the _____

Chemical Branch
Research & Development

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A/B, F, 64, 7
DRAFT.
27 February 1952 A

MEMORANDUM FOR: THE DIRECTOR

SUBJECT: Contact with

CYB 1. was contacted 4 February 1952, as a consultant to of the . His interests include drug addiction, drug tolerance, analgesia, anesthesia, respiratory physiology, and pharmacology of the central nervous system.

C 2. discussed chemicals which have been found to temporarily inactivate or permanently destroy specific portions of the nervous system. Keto ben idon is one such drug. It is used in Europe to some extent in the treatment of drug addicts. has found that if monkeys are given one large sub-lethal injection of keto benidon (0.18 mg./kg.) they become completely helpless. Post mortem examination of the brain shows that the white matter has been destroyed while there has been no apparent effect on the gray matter. Numerous smaller doses of the drug has no such effect on monkeys. said he has tried this only on monkeys; hence it may be species specific. Kicentil is a related compound with effects which suggest a similar action. These compounds are ordinarily introduced by injection, although they would probably be effective if administered as an aerosol. 8-amino quinolines will destroy specific centers of the brain. He suggested investigating compounds which have been tested for anti-malarial activity in order to find more about compounds which effect specific portions of the nervous system. He mentioned in this connection. is now writing a monograph on anti-malarial compounds.

B+D 3. If monkeys are exposed to heavy and repeated doses of ethylene oxide they lose the function of their spinal chord, but the normal function returns after removal from the gas. Accidental human poisonings have indicated a similar effect from ethylene oxide. The concentration of chemical required make it out of the question for covert activities, but the results are suggestive.

C 4. said they have recently received some material called ryanodine from Merck. He was not certain about its chemical composition, but it is made from a Mexican plant and is used as an

insecticide

C
C
insecticide or rodenticide (he wasn't sure which) in South America. If 100 micrograms/kg are given orally to a dog it produces muscular spasms of long duration. The spasms begin fairly immediately. This material is being investigated in _____ at the present time.

CYP
D
E
5. _____ are also working on methadols. Some of these compounds produce an extended (36 to 48-hours) loss of consciousness and reversible paralysis. In monkeys there is no apparent effect from the compounds until a couple of hours or so after the drug is given. This group of compounds should be screened. _____ said that

_____ has worked on some of the clinical aspects of the methadols, but he has had some difficulties, so it is not certain whether he will continue this line of investigation. _____ felt that histo chemical studies would yield results in this field.

D
C
6. In the field of chemicals which produce mental derangement, he doubted that anything would be found superior to LBD. No doubts that reserpine will prove of much value. He questions the value of cannabinol compounds, but mentioned

_____ in this field. He said that unknown intoxication is probably due to muscarine, and that prostigmine would probably give similar results.

C
7. _____ wondered if methyl bromide would be of value in guerrilla type warfare. He pointed out it is an odorless gas and is quite potent.

C
B
C
B
8. _____ would be happy to do work for us in his specific fields of interest. He is interested primarily in animal work and is not equipped to synthesize complex chemicals. Since _____ nothing specific will be discussed in regard to work until it can be determined that it can be done without running into competition with the _____

A
Research & Development

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WRAFT

21 February 1952

MEMORANDUM FOR: THE RECORD

SUBJECT: Interview with _____

was contacted on the evening of 5 February 1952.

2. _____ was approached under the cover of a consultant to _____ appeared to be very security conscious. He expressed his continuing concern about security and asked to see the writers _____ identification.

3. _____ appeared to have an unusual degree of knowledge and interest in chemistry, _____ in the general field under discussion are inhibitors of glucose combustion and acetyl choline esterase inhibitors.

4. _____ said that thiaminase had been suggested as a glucose combustion inhibitor. (Review: Tuckin, Physiol. Rev., 29, 389 (1949)). However it is improbable that thiaminase could be developed into a good covert weapon. Since it is a protein it is ineffective if given by mouth; it must be injected or inhaled. _____ felt that the amount required to effect a person with adequate diet would be rather large for optimum value as a covert weapon. Anti-thiamin compounds were discussed, but they do not seem to be too promising as covert weapons because of the comparatively large amounts which would probably be required to produce a noticeable effect on an individual with an adequate diet.

5. _____ mentioned radioactive ascorbic acid. This appears to have possibilities as a covert weapon. It may be effectively given by mouth, injection, or inhaled, and it tends to be concentrated in glandular tissues. _____ indicated that a very small amount of the

material

material would produce destruction of the adrenal cortex. Even a slight damage to the adrenal cortex would produce symptoms characteristic of Addison's disease-disturbance in sodium and potassium metabolism and in glucose metabolism. Severe Addison's disease, if not properly treated, will result in death. Since Addison's disease is not well understood and radioactive ascorbic acid would be comparatively easy to disseminate, it is felt this possibility should be further investigated.

C gave the names of several individuals who are active in this general field.

D.
7. felt that sedatives such as barbiturates are about as good as anything he knows as interrogation aids. He thought alcohol was about as good. He felt choline esterase inhibitors should be investigated as antipolygraph aids.

8. He said various shock treatments are effective in producing amnesia. Insulin shock is not effective. Metrazol shock is effective, but it is a sloppy method when used in actual practice. Proper dose, rate of injection, etc. are difficult to determine for the production of a given effect. He thought that several repeated electric shock treatments given in one day was the most satisfactory procedure. Under proper conditions this will produce temporary amnesia lasting for a couple of weeks.

C He said the Japanese used ordinary 110 volt alternating current in psychiatric practice during the war with apparently satisfactory results. He said alternating current produces more confusion than does rectified alternating current, and a square wave rectified current produces the least confusion. There is a discussion of this in a recent issue of the Bulletin of Mathematical Biophysics.

C
D+B 9. mentioned an advertisement he had sent to about a polyanthracene or protein sold under the trade name "Tyrocin". A dose of 1 or 2 gives a fever of less than a degree, but a ten-fold increase in dose would produce

produce a definite elevation in body temperature. Although the chemical nature of this material would indicate it would not be effective if given orally, it should be effective as an aerosol.

10. Actions Further investigation of possibilities of radioactive ascorbic acid, use of shock treatment to produce amnesia, and of "Tyrocin".

A

Chemical Branch
Research & Development

7
N/A, E, C, 9
DRAFT

4 February 1952

MEMORANDUM FOR: THE DIRECTOR

SUBJECT: C Initial contact with

C
C-10
1. This date the writer contacted _____ under the cover of being
a consultant to _____ on a special project for the
covert use of chemicals.

C
2. An extensive inspection of the laboratory facilities under
immediate control indicated the following things:

B
b. Excellent facilities exist for any type of medical research
involving physiologically active chemical compounds. Human subjects
would be available for work that could be carried out as legitimate
medical research. Extensive animal facilities exist for other kinds
of research.

C
C-10
C
c. Contractual arrangements via the _____ method would
be very feasible. _____ indicated that it would be necessary
for only one other person to know what he was doing and he therefore
suggested that _____
be cleared for this sort of work. He indicated that
both he and _____ would be happy to fill out FBI forms.

d. Current work in the laboratory is centered mainly around
sterilization of blood by chemical agents to destroy virus and spore
bodies.

hodies. An extensive program of organic chemical research supports this work. An active interest in many medical-clinical research problems exists, but _____ and other people seem to be very well up on the current status of research in chemical medium.

C a. _____ is in constant close contact with clinicians, surgeons, psychiatrists in his capacity as _____ to them and will keep us informed of any matters in the medical field of interest to us.

C 3. _____ mentioned two specific current items which he thought should be of interest to us:

B+D
C b. Beryllium - There's a considerable literature, most of it stemming from recent accidents involving broken fluorescent lighting equipment on the extreme toxicity of beryllium. This is certainly the most toxic inorganic element and it produces a peculiar fibrotic tumor at the site of local application. The amount necessary to produce these local tumors is a few micrograms. _____ suggests a study of the effect of inhaling small amounts of beryllium in the lungs, and other studies to evaluate the potentialities of beryllium as a covert weapon.

C d. _____ thought his _____ could do an effective job of studying anti-LSD agents by finding one or more objective syndromes of LSD application in laboratory animals and screening compounds that might combat its action. He was invited by the writer to develop this into a research proposal if he so desired. It was emphasized that no commitment of any kind was involved in our acceptance of a research proposal.

5. The follow-up actions indicated by the above discussions are:

C a. Send FMS form to _____ for himself and _____

B b. Start efforts to get information on highly active precursor substances from _____

c. Start preliminary investigation on potentialities of beryllium

1945, I, 64, 11

SECRET
25 February 1952

MEMORANDUM FOR THE RECORD

SUBJECT: Curare-like agents

C-1

C-1

1.

C-1
C-2
C-3

was contacted on 5 February 1953. The contact with _____ was made with the assistance of _____ and the undersigned approached _____ as a representative of _____. The discussion with _____ was limited to the subject of curare-like agents. _____ a colleague of _____ who is interested in toxic curare compounds and artificial respiration, was not available because of illness.

2. Crude curare is obtained by brewing roots, bark, etc., of several species of South American plants. It contains powerful alkaloids and is used by certain South American tribes as an arrow poison. An individual or animal struck by such a poisoned arrow is rapidly rendered helpless due to paralysis of the skeletal muscles. Purified curare and chemicals having a curare-like action are used to some extent in medicine, when it is desired to produce a relaxation of the skeletal muscles without the production of anesthesia or the production of central nervous system paralysis.

C-1

3. _____ said that a large number of curare-like chemicals (acetyl choline blocking agents) have been prepared and screened by pharmaceutical houses such as Thieme and Dolan, Burrough Wellcome Co., Eli Lilly, Abbott, etc. A few substances which meet Medical requirements are now on the market, but he said many which would more nearly meet our requirements have been discarded. He said that if we wrote down the desired specifications for a drug with curare-like action, and then canvassed the drug houses, we would undoubtedly find that a drug which meets the specifications has been screened. This might be a rather optimistic statement, but since a potent curare-like agent would be of value in covert activities, an effort should be made to see what can be obtained by this method.

4. Several investigators mentioned who are active in synthesizing or testing compounds of the curare type: D. Dowd, E. J. De Buer, J. C. Hoppe, A. B. McIntyre, W. P. H. Putsen, E. E. Covington. The work of these and other men is described in the book "Curare and Anti-Curare Agents" published by the New York Academy of Science.

5. _____ expressed an interest in clinical testing of curare-like compounds, but not at the

6. Action:

a. Obtain information about curare-like compounds which have been screened by pharmaceutical houses.

17
Chemical Branch
Research & Development

Original & 2 copies only.

8700
A/P, I, 64, 26

MEMORANDUM FOR: Director, _____

SUBJECT: Alcohol Antagonists

19 August 1952

1. Attention is directed to your memorandum entitled "Alcohol Antagonists," dated 5 July 1952 and directed to Chief, Medical Staff. Comprehensive review of current medical literature has not revealed a single specific and reliable alcohol antagonist that fulfills your requirements.

2. Dexedrine sulfate, pervitin, and benzedrine are the most effective available drugs for this purpose in the order given. Specifically these drugs are not true alcohol antagonists but serve to mask the effects of alcohol in the human subject. Any of the above drugs in doses of 20 mgm taken an hour before and every four hours while ingesting alcoholic beverages would partially counteract the discernible effects of ethyl alcohol.

3. The only effective and applicable adsorbent is that found in large quantities of protein either in the form of animal protein or milk; e.g., a heavy protein meal reduces the absorption of alcohol from the digestive tract by 50 per cent. Mineral oil or olive oil in two ounce doses will effectively delay the absorption of alcohol but will not prevent it.

4. The B-complex vitamins definitely accelerate the metabolism of alcohol by the liver; however, the unavailability of oral preparations of these drugs in the massive doses necessary and the unpredictable time necessary for their action would minimize their value. The insulin-glucose mixture is of doubtful value and would be ill-advised because the insulin must be given by injection.

5. In summary, the most effective available method of combatting the effects of alcohol would be the combination suggested below:

- a. 5-6 tablets of concentrated B-complex vitamins on the day that the alcohol ingestion is to take place.
- b. 20 mgm dexedrine about one hour before beginning the ingestion of alcoholic beverages and 20 mgm every four hours while partaking of such beverages.
- c. The ingestion of a heavy protein meal shortly before partaking of alcoholic beverages. (Alternatives - two glasses whole milk; one glass cream; large helping ice cream; two ounces olive oil; or two ounces mineral oil.)

6. At the present time there is little attention in medical research being directed toward counteracting the immediate effects of alcohol in order to maintain sobriety. This field may warrant further investigation by the appropriate division of the agency.

7. In this memorandum we have attempted to extract the salient factors pertinent to your problem. This office would be pleased to confer with your staff regarding more detailed information if so desired, and to assist you in the solution of any problems of a medical nature which might arise.

A

/SSD/AL/ND

A AL/ND _____
Distribution:

Orig and 1 - Addressee
1 - C/MS
2 - AL/ND (file)
2 - RI

4/13, 2, 64, 28
7-4747

20 September 1952

G MEMORANDUM FOR: _____

SUBJECT: Alcohol Antagonists

G REFERENCE: Memo from _____, same subject, dated 12 September 1952.

A 1. Preliminary discussions have been held with _____ Chief, Chemical Division/OTS regarding the development of a research project; subject, Alcohol Antagonists and Accelerators.

2. Both OTS and the Medical Office feel that this problem is worthy of further investigation provided that there is an operational need for such substances. It should be noted that such a project will require considerable basic research and testing.

3. It is recommended that your office prepare a more detailed requirement for submission to Chief, Chemical Division/OTS so that preliminary studies may be instituted. The Medical Office will be happy to assist OTS in the medical evaluation of this project as needed.

FA
FA
G _____
Assistant Deputy for
Medical Office

A NO _____

Distribution:

- Orig and 1 - Addressee
- 1 - RI
- 2 - File

MEMORANDUM FOR: Chief, Technical Support

SUBJECT: Alcohol Antagonists and Accelerators,
Research and Development Project.

1. Reference is made to the memorandum dated 12 September 1952 from the ~~Medical Office~~ to the Medical Office, a copy of which was designated for CTS, and to the memorandum dated 27 September 1952 from the Medical Office to ~~the~~ settl[ing] out certain views resulting from discussions between of the Medical Office and

Chief, Chemical Division, CTS, concerning the above matter. It is the belief of this Staff that there is sufficient operational need for useable alcohol antagonists and accelerators to justify the institution of a research project to determine the feasibility of developing such substances. If the basic research indicates that development is feasible it is felt that it should be extended to develop adequate substances in this field.

2. This Staff, due to lack of technical familiarity with the subject, is somewhat handicapped in preparing a detailed requirement for such a project.

3. A distinct operational need would be served by the development of substances having the following properties:

a. Alcohol Antagonists: a substance which can be kept readily available and which when taken internally would inhibit the full effects of alcohol consumption for reasonably predictable periods of time, depending upon dosage. Such a substance, to be useable, should of course have no ill effects and particularly should not affect in any way the reasoning, speech, locomotion or alertness of the person taking it.

b. Alcohol Accelerators: an odorless, tasteless, colorless substance which would be readily administered in food or drink and which would have the effect of accelerating the results of alcohol consumption, if possible resulting in a release of inhibitions and a more rapid loss of control on the part of the imbibor. Note: The feasibility of such a substance is not known to this Staff but it is suggested that at least this be considered as a possibility in connection with the necessary research to be conducted on the various phases of Project ALIENWARE.

ACTION

h. If judged feasible and practical, it is requested that ORG, in coordination with the Technical Office and with INR, undertake a research and development project to develop substances possessing the properties roughly outlined above. It is believed that this project might well be made a part of Project AFFINORX.

A/B, 2, 10/32

10 January 1955

MEMORANDUM FOR THE WORKING COMMITTEE

H-B/3

SUBJECT: Meeting to be Held January 24th

B/3

1. The next meeting of the Working Committee of [redacted] will be held on 24 January at 9:30 A.M. in Room 2215 J Bldg.

2. Will you please let [redacted] know whether or not you will be able to attend.

Original [redacted]
Chief [redacted]

- Orig. [redacted]
1 - Mr. [redacted]
1 - Mr. [redacted]
1 - Mr. [redacted]
1 - Mr. [redacted]
1 - Mr. [redacted]
1 - Mr. [redacted]
1 - Mr. [redacted]
1 - Mr. [redacted]
1 - Mr. [redacted]

A

A/B, 2, 10/42

19 January 1955

MEMORANDUM FOR:

CHIEF, [REDACTED]

G

SUBJECT:

Use of Disapproved Personnel in Connection
with Project [REDACTED]

H-B/3

B/3
F
A 1. Project [REDACTED] has been transferred, as of
January 6, 1955, from [REDACTED] Division to TSS.

2. Attached are two copies of a memorandum submitted by
[REDACTED] a [REDACTED] Agent, describing the use of
Identity A and Identity B in connection with Project [REDACTED]

B/3

3. Identity A and Identity B were not able to be cleared
for use on a witting basis, but because of their critically
needed skills we would like to use them on an unwitting basis
in the capacities described in the attached memorandum.

4. We should appreciate your early advice on this matter.

[REDACTED] A
Chief, Chemical Division, TSS

Attachments:

Memorandum - 2 copies

Identities - s/c

Addressee - Orig. & 1

1 - SO/SES

1 - [REDACTED] Clearance file

1 - [REDACTED] Chrono

B/3

CHIEF, TSS
[REDACTED]

A/B, 2, 10/43

H-B/3

WORKING COMMITTEE MEETING - 13 MAY 1955

AGENDA

I. Report on General Status of Project

A. TSS

B. Controller's Office *A*

II. Progress Reports on Specific Activities

A. *ecology studies* *Love may be* *exp. in this*

B. Basic studies on brain function

C. Defector interviews *(available for study sub 2?)*

D. *case* *B/6*

E. *interrogation experiment* *B/3*

F. Operational assists

G. OTR "Brainwashing" study *A*

H. ANTICHOKE Activities *A*

I. *Activities* *A*

III. Contemplated Future Activities

A. Study of police methods

B. Overt Overseas ecology studies

C. *Contemplated activities of other components* *B/3*

D. Contemplated activities of other components

IV. Discussion of Miscellaneous Matters

*I want to say about
A. *in this mission*
B. *they will have**

A/B, 2, 10/44

10 June 1955

MEMORANDUM FOR: DEPUTY DIRECTOR (SUPPORT)
DEPUTY DIRECTOR (PLANS)

SUBJECT

Project [REDACTED] H-B/3

1. As of 30 June 1955 this office will have eliminated those phases of financial and administrative activities which categorized [REDACTED] as a project subject to Section 9.1 of the Confidential Funds Regulations. After 30 June 1955 TSS will operate [REDACTED] in a manner consistent with other similar research projects undertaken by it.

2. Permission is requested, therefore, to change the classification of Project [REDACTED] from that of a CIA special project to that of a research activity of TSS, and further, it is recommended that the Administrative Plan be terminated as of 30 June 1955.

[REDACTED] Chief, TSS

APPROVAL:

[REDACTED]
for SSA/DIS

[REDACTED]
• DD/S

*Provided (a) the Administrative Plan is fully complied with through 30 June 1955 and (b) a summary report is submitted to the DD/S and the [REDACTED] as of 30 June 1955 giving the disposition and status of all funds and other Agency assets involved in this Project.

CONCUR:

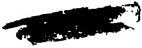
[REDACTED] (Working Committee)

[REDACTED] C/SRS/BO (Working Committee)

[REDACTED] DD/S Representative (Working Committee)


[REDACTED] Executive Secretary, Working Committee

20 JUN 1955

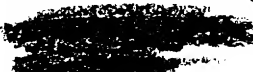
 A/B, 2, 10/47


SD 5-430
24 February 1956

MEMORANDUM FOR: Director of Security
ATTENTION : Chief, Security Research Staff,
SUBJECT : Request for Assistance

1. It is requested that you provide
with an appropriately security approved attorney who may answer
the legal questions that  would have
answered. H-B/6

2. Thank you for your prompt action in this regard.

 A
Security Operations Officer
DD/H/ISS

 :dg
Distribution
addressee - orig. & 1

A/B; 2,10/45
29 June 1955

MEMORANDUM FOR: The Record

SUBJECT: Project [REDACTED] H-B/3

1. On 22 and 23 June 1955, the undersigned visited the physical site of Project [REDACTED] for the purpose of determining what action and accountings would be necessary to close the activities which categorized this operation as a project subject to 9.4 of the

2. The undersigned outlined a small accounting system to be used for the continuation of the research work, regarding receipts and expenditures. A method was also devised whereby the unexpended 1954 allotment grants made to [REDACTED] will be fully accounted for as part of the final accountings under the Administrative Plan. Arrangements were also made to return on 30 June 1955, any unexpended petty cash funds on hand of [REDACTED]

3. It is anticipated that after 30 June 1955, no personnel contracts will be in force on this project, and all Staff agents will have been terminated and/or reassigned, and that TSS will operate this project and account for funds expended in accordance with its procedures relative to research activities.

A [REDACTED]
DD/S Rep. - Working Committee
(Finance)

CONCUR:

A [REDACTED] Original signed by

Chief, TSS

Distribution:

Orig & 1 - PAPS

SO/SRS 1

TSS 3 F

Date

JUN 1 1955

A/B, 2, 10/46

30 August 1955

MEMORANDUM FOR THE FILE:

SUBJECT: PROGRESS REPORT
7/1/54 - 8/15/55

H-B/3

1. For fiscal year 1955-56 will be financed out of TSS regular research funds (\$189,000).
- B/3 2. 32 alien cases have been assessed from psychological - anthropological medical standpoint. Minimum of 16 hours each individual. This program continues.
3. Study of brain function and physiology.
- B/6 4. [redacted] and [redacted] cases covered by staff members of [redacted] B/3
They are both now rehabilitated and willing to talk to representatives of U. S. Government about their experiences. They both have good insight into their previous condition.
- B/3 B/6 5. [redacted] cases were handled by staff members [redacted].
One of them was about the same condition as [redacted] the other three had cooperated closely with [redacted] in indoctrination process. As result of [redacted] cases and subsequent adverse publicity, [redacted] have put heavy pressure on subsequent repatriates not to talk to U. S. officials but only to their families and friends. They have been told they will be arrested or placed in mental institutions upon their return to U. S. if they talk.
- B/3 6. The three [redacted] were accompanied from [redacted] to U. S. by a doctor provided by [redacted] under cover. After their defection they received seven months indoctrination by [redacted] and were then assigned to [redacted] at which time they became disillusioned and unhappy. They did not expect arrest by the [redacted]
- B/3 B/6 7. a.) Originally the [redacted] were to be released on [redacted]. The [redacted] asked [redacted] to make psychological background studies on these men about [redacted]. This was accomplished in seven days by use of faculty members and department heads of university medical school psychiatric departments on a nation-wide basis through requirements set out [redacted].
b.) During medical processing of these men in [redacted] they were debriefed by [redacted] staff members working closely with [redacted] personnel.

B/1

B/6
c.) There was very little effort made to indoctrinate [redacted] he was thoroughly exploited as a source of intelligence.

B/3
B/6
d.) At various times during first eighteen months of imprisonment with [redacted] They were confined again for picture taking on [redacted] This was only time other [redacted] from the day they were shot down.

e.) Of [redacted] group cooperated with the indoctrination, another group claims they did not. Evidence of hard feelings between these groups. All are being extremely cautious in talk about indoctrination procedures.

8. Indoctrination effects were found to be strongest on:

a.) Intellectual types with an interest in Communism.

B/3
b.) Poorly educated individuals who felt inferior about their intellectual ability. [redacted] built up their confidence in their intellectual capabilities.

B/6
c.) A signal trait in indoctrinees was a lack of belief in God. At least [redacted] profess to be atheists.

B/3
10. During past year [redacted] were debriefed by [redacted] concerning Soviet and Satellite methods of interrogation and prisoner handling.

11. Experimental work is being done on a tranquilizing drug known as MFP-17. This type drug does not disturb motor processes but disorients the mental processes.

12. Experimental work is being done on LSD in conjunction with alcohol with some significant results.

B
13. Testing facility in [redacted] about to start operations.

14. Work was done on so-called antidote to LSD which proved ineffective.

A
15. [redacted] will become headquarters case officer (in TSS) for [redacted] effective 1 September 1955, assisted by [redacted] of [redacted].

B/3
A B/3
16. [redacted] and [redacted], have been added to [redacted] working committee.

F
17. Field test work by joint [redacted] team will take place in [redacted] September - October 1955. B

B
18. [redacted] experiments - hypnotic experimental work courier type situation.

A/B, 2, 10/51

NARRATIVE DESCRIPTION OF THE OVERT AND COVERT ACTIVITIES
OF [REDACTED]

H-8/3

ACTIVITY #1

STUDY OF ALIEN [REDACTED]

F

B/3 [REDACTED] will use for study the alien [REDACTED] resident F
in the United States. It will assemble knowledge of the important
social and psychological forces at work in this group, and in the

F [REDACTED] seeking to identify those forces which may be utilized
to the advantage of the United States. It will accumulate knowledge
of those social, cultural, and psychological patterns of the [REDACTED]
nation and its sub-groups which must be taken into consideration in
planning the activities of the United States and its agencies which
are directed at the [REDACTED] F It will identify persons among
the group of resident [REDACTED] aliens who are potentially useful for
intelligence purposes; it will assess their present capabilities and their
probable future performance in various situations, and it will indicate
the most likely areas of their usefulness. It will further test selected
individuals who have a high probability of becoming valuable agents, by using
special situations and methods applicable to the . It will attempt to utilize
their important psychological drives in order to turn their thoughts
and activities toward goals consonant with the interests of [REDACTED] F
of the United States.

B/3 [REDACTED] will perform this study under the cover of an
"sociological survey of a homogeneous national group of displaced
persons in a situation of stress". In order to make it possible for
[REDACTED]

F
B/3
these [REDACTED] to take part in these studies, and to act as an inducement to them, the [REDACTED] will have funds available for aiding the participants to obtain fellowships, jobs, or further training in the fields of their interest during the period in which they are being observed.

B/3
F
The [REDACTED] expects the Agency to utilize all of its pertinent facilities in order to give the [REDACTED] access to these resident [REDACTED] missions.

ACTIVITY #2

EFFECTS OF CHEMICAL AGENTS ON BODILY FUNCTIONS, MENTATION,
ATTITUDE, ETC.

B/3
The [REDACTED] will evaluate the effects upon human behavior, bodily function, mentation, and feeling state, caused by chemical agents of potential use by the Agency of its adversaries, or pertinent to the interests of the Agency. It will define the area of usefulness of these chemical agents, and develop methods for counter-acting their effects.

The [REDACTED] expects that the Agency will utilize its available facilities for the synthesis of chemical agents, and for standard pharmacological tests upon laboratory animals.

[REDACTED]

ACTIVITY #3

OTHER FACTORS AFFECTING BEHAVIOR, PERCEPTION, ATTITUDE,
ETC.

B/3 The [REDACTED] will accumulate and assess the available knowledge relating to all methods (in addition to chemical agents) which are of potential use in creating or modifying human motivations, attitudes, behavior, thought processes, and goals. In addition to its consideration of the standard methods used in psychology, psychiatry, education, military training, and those pressures created by cultural practices and the social groups of the community, it will also consider other special or unorthodox methods such as brain damage, sensory stimulation, hypnosis, so-called "black psychiatry", "Pavlovian conditioning", "brain-washing", or any other methods having pertinence for such procedures as interrogation, subversion, or seduction.

The [REDACTED] expects to have access to the available information possessed by the Agency relating to problems in this field.

The initial effort under this project will be the completion and evaluation of the Hypnotic Demonstration already initiated.

The [REDACTED] will refine all pertinent methods in this field, develop means of counteracting them, and develop new methods.

[REDACTED]

ACTIVITY 24

METHODS OF ASSESSING BEHAVIOR, MOTIVATION,
ATTITUDE, AND ADAPTIVE CAPACITIES

The [REDACTED] will develop, systematize, and use, methods for assessing human adaptive capacities, motivation, and likely future performance. It will develop means for instructing agency personnel in the use of these methods.

B/3
The [REDACTED] expects to have access to and consider the presently available knowledge within the Agency having to do with the character, and development, of both successful and unsuccessful agents of all levels of operation. The [REDACTED] will consider all aspects of the subject, and especially those of subversion, defection, and treason, as they relate to the personality structure, motivation, cultural and social background, and immediate life situation, of persons who become agents. It expects to develop criteria and methods for the selection and development of successful agents.

ACTIVITY 25

COOPERATIVE SERVICE FOR THE WHITE SERVICE
PROBLEMS; SPECIAL SERVICES

The scientists on the staff of the [REDACTED] will be prepared at any time to advise the Agency with regard to problems which arise in the fields of brain and nerve function, neuropharmacology, and toxicology. It will make available their accumulated knowledge and experience in the fields of psychology, psychiatry, psychobiology, bodily adaptations

[REDACTED]

during stress, as well as general medicine and physiology.

As new and special knowledge accumulates relating to the physical and psychological effects produced in men by their environmental situations, this will be communicated to the Agency. New studies will be designed to develop leads indicated by new information, and to meet ad hoc situations and problems.

B/3
In order to maintain the highest possible degree of contact with developments in relevant scientific fields, members of the staff will attend scientific meetings and participate in scientific associations, and the [REDACTED] will accumulate a library of relevant current scientific journals, as well as special items not available in the usual medical libraries.

A/B, 2, 10/107

7 July 1955

MEMORANDUM FOR: CHIEF, [REDACTED]

SUBJECT: [REDACTED]

REFERENCES:

Memorandum from Chief, [REDACTED]

dated 20 July 1954

1. This is to advise that [REDACTED] procured for use by Project [REDACTED] will be under the jurisdiction of [REDACTED] as of 1 July 1955.

2. Project [REDACTED] was transferred from [REDACTED] Division in January 1955, to TSS, and the funding from 1 July 1955 for the duration of the lease, will be made by TSS/CD.

3. [REDACTED] will continue to be used by the same group for which it was originally leased, but this group will be controlled by TSS. [REDACTED] will be notified in the event of the termination of the lease.

: Chief, [REDACTED]

Distribution:

Addressee - Orig. & 1

C/SRS/SO - 1

TSS - 2

A/B, 4, 13/2

12 November 1953

MEMORANDUM FOR: Director of Security

SUBJECT: AMBICROM

REFERENCE: Draft Memorandum to AMBICROM Representatives from
Director of Security, subject: AMBICROM; Reinstatement
of Program.

1. Reference is made in subject memorandum to the statement of
functions, "The Chief, Medical Staff, will provide medical support for
AMBICROM field teams".

H-B/3
2. The Medical Office continues to agree in principle to the
providing of such support. It is the intent of the Medical Office to
use the medium of ~~psychiatric team~~ psychiatric team to satisfy this require-
ment. The AMBICROM Committee should be aware, however, that the
establishment of the psychiatric team is not an accomplished fact
due to Table of Organization difficulties.

3. Until the establishment of psychiatric team is an
accomplished fact, the Medical Office, while agreeing to support
the responsibility and privilege, indicates reservations to regard
its ability of accomplishment.

A

~~Chief, Medical Staff~~

~~SECRET~~
A/B, 4, 13/3

SECRET

MEMORANDUM FOR ~~SECRET~~ Medical Officers

9 February 1953

SUBJECT: Use of Drugs for Interrogation

- H-B/3
1. The many requests for information on the above subject have prompted this dispatch.
 2. The control of the use of drugs for purpose of interrogation falls within the authority of the Inspection and Security Office, the Medical Office providing technical assistance as needed.
 3. The Inspection & Security office has requested us to inform all ~~SECRET~~ medical officers that they are not to assist in interrogating without the express approval of the I & S office.
 4. Requests for techniques, developments and/or approval for this type of interrogation should be submitted by the ~~SECRET~~ to I & S for their action and such requests should include detailed information as to the problem and projected use of the procedure, the justification for its use, authorization by the appropriate command in the ~~SECRET~~ and a list of those who will be involved in the procedure.
 5. In the meantime, it is requested that you forward to this office any information pertaining to the subject insofar as its exploitation by ~~SECRET~~ is concerned.
- H-B/3
- 2-25-53*
- A ~~SECRET~~ A
- 2-25-53*

A/B, 4, 13/5

MEMORANDUM FOR: Chief, Inspection & Security Office 15 December 1952

SUBJECT: Medical Requests

1. During the preceding six months this office has received requests from four of our [redacted] medical officers for information on the use of barbiturates for interrogation purposes. These requests have presumably been stimulated by [redacted] requirements in the [redacted]

2. Since these requests properly come under the authority of the Inspection & Security Office, we are forwarding our views on the matter with recommendations.

3. Assuming that these requests have been based on [redacted] needs and that any experimentation along these lines in the [redacted] might prove to be of value in the development of your project, we recommend that all [redacted] medical officers be informed that:

a. Requests from [redacted] medical officers for advice on policy, techniques, recent developments and ultimate use of barbiturates for interrogations be submitted for approval by the Inspection & Security Office and the Medical Office at Headquarters.

b. That these requests include detailed information as to problem and projected use of the procedure, the justification for its use, authorization by the [redacted] in the [redacted], and a list of those who will be involved in the actual interrogation procedure.

c. Each request will be approved or disapproved on an individual basis by the Inspection & Security Office and the Medical Office.

d. Suitable instructions will be sent to the [redacted] for the guidance of those individuals responsible for an authorized barbiturate interrogation in the [redacted]

e. The Medical Office will inform its [redacted] medical officers of the above procedure if approved by the Inspection & Security Office.

1-12-53
A
Chief, Medical Staff

4-B/3
Distribution:
Orig and 1 - Addressee
2 - File

Office Memorandum • UNITED STATES GOVERNMENT

A/B, 4, 13/6

TO : Security Officer, USA
FROM : Chief, Medical Staff
SUBJECT: Project ANTICORREL

DATE: 20 December 1952

1. Reference is made to your Memorandum of 26 November 1952,
Subject: Project ANTICORREL.

2. The Medical Office concurs in the allocation of responsibilities as outlined.

A

10 Dec 52)

Distribution:

- Orig & 1 Addressee
- 1 Dep. Ch/Med. Staff
- 2 File

A/B, 4, 14/2

21 December 1953

H-B/3

MEMORANDUM FOR: Director of Security

ATTENTION

SUBJECT : Dispatch No. [REDACTED] dated 18 November 1953

B/3

1. Transmitted in separate envelope is Subject dispatch

2. Please be advised that [REDACTED] is of the opinion that it would take quite a stretch of thinking to connect the query in paragraph two to the referenced item in paragraph three. [REDACTED] believes the sender of the dispatch may be overly assumptuous to believe that the idea could not originate in the field without being based on prior knowledge. [REDACTED], Chief [REDACTED] who is very familiar with the item, concurs in the thought that the idea could originate without prior knowledge.

3. This information is being submitted to your office for whatever action you deem necessary.

4. Please return subject dispatch to this office after it has served its purpose.

Liaison & Security Officer

(21 Dec 1953)

Distribution:
addressee - orig. & 1

G

4/13/4/14/19

H-B3 copy — of 3

5 May 1953

MEMORANDUM FOR: Director of Security

SUBJECT : Project ARTICHOKE

1. PROBLEM:

How to provide the medical research required in support of Project ARTICHOKE.

2. ASSUMPTIONS:

None.

3. FACTS BEARING ON THE PROBLEM:

- a. Project ARTICHOKE is research in nature.
- b. The research required is essentially medical.
- c. The sensitive nature of the project demands Agency control.

4. DISCUSSION:

Facts a and b are self-evident. Fact c may be somewhat forgotten in view of recent project developments. However, the time is not too long past when the project was considered Top Secret and only discussed through rigid control procedures. The need for control and secrecy has not diminished with a lower classification.

The need for control is not only inherent in sensitivity, it is also a product of project requirement. Project needs are those peculiar to intelligence and research incidental thereto must be directed toward operational needs. Experimentation in the hands of those unfamiliar with field requirements will, at best, be inappropriate.

The need for control should not be compromised by budgetary considerations. The mere fact research facilities might conceivably perform experimentation without reimbursement does not permit the Agency to relinquish its control or authority even for the sake of economy. The expensive needs of this project must be faced and paid for by this Agency if the project is to succeed on behalf of the United States Government.

5. CONCLUSION:

The Agency must establish and maintain rigid standards and procedures of control of Project ARTICHOKE. It can only accomplish this by establishing its own research program.

6. RECOMMENDATIONS:

H-B/3 It is recommended that the Agency attempt to establish at an [redacted] whose endowment and key personnel stem from the Agency. The project and allied Agency needs could thus be served with complete control, legal performance, and appropriate cover.

A
[redacted]
Chief, Medical Staff

[redacted]
Distribution:

Cy #1 & #2 of 3 - Addressee
Cy #3 - NO File

ATTENTION [REDACTED] Asst. Deputy Director, Admin./Inspection & Security
[REDACTED] Assistant Director for Scientific Intelligence - A

APR 14 1951

A/B, II, 48, 2

C
1. [REDACTED] Has formally declined the position with this agency as Coordinator of the special project about which we have talked. We therefore start from scratch again in our search for a suitable man.

A
TAKEN FROM [REDACTED] FILE

-A
[REDACTED]
[REDACTED]

1/B, 58 64/5
TAKEN FROM [REDACTED]
APR 17 1952

MEMORANDUM FOR: Deputy Director (Intelligence)

SUBJECT: [REDACTED] C

C
[REDACTED] who is a cleared CIA Consultant in the field of medicine, is working full time three or four days a week in OSI on Project Artichoke. Since there are other negotiations going on in the Agency regarding [REDACTED] his use in OSI at this time was cleared by AD/SI with DD/A who indicated his approval.

A
[REDACTED]
Assistant Director
Scientific Intelligence

OSI [REDACTED]

cc: 2 - AD/SI

1 - Exec.

1 - [REDACTED]

Six persons ✓

A/B, 5, 64/6

21 November 1951

MEMORANDUM FOR THE RECORD

SUBJECT: Conversations between [redacted] and [redacted]
of the [redacted] H-B/3

1. [redacted] met with [redacted] who is a cleared CIA Consultant, at 2:30 p.m., 20 November, to discuss certain aspects of Project Artichoke.

2. [redacted] had previously mentioned this project to [redacted] after obtaining verbal clearance from [redacted]. [redacted] can be most useful in the project because of his position in the [redacted] and his many contacts throughout their affiliated medical research and chemical establishments. As agreed at the last meeting of the Executive Board for Project Artichoke, [redacted] asked [redacted] if he could be of assistance to us in setting up certain research projects. The plan would be to encourage research in the physiological aspects of some of the more promising drugs and other techniques and at the same time train personnel who might later be brought into CIA.

3. [redacted] agreed to assist CIA in this matter and mentioned several activities with which he has a good relationship where such work might be started. He will do some more checking and get in touch with us in a week or two when he has had time to prepare some specific recommendations.

CSI/[redacted]

A

A

TAKEN FROM [redacted]

A/B, 5, 133/2

January 17, 1952

A
[REDACTED]
2430 E Street, N.W.
Washington, D.C.

Dear [REDACTED]

Thanks very much for your two letters and for the copy of the Personal Service Contract which was enclosed with the letter of January 10.

I am returning my T/R book herewith and [REDACTED] has returned his separately. C

A
I have not had the chance to get to Washington since we last talked but I shall certainly be calling in the first time that I can get down. In the meantime, please pass on to [REDACTED] all our best wishes for the New Year and reserve a large slice for yourself.

Most sincerely,
[REDACTED] C

Enclosure - T/R book

*Received and forwarded to Transportation
Division 1/21/52.*
C [REDACTED]

A/B, 5, 64/14

TABULARY FILE

21 April 1952

MEMORANDUM FOR THE RECORD

A

SUBJECT: Conversations with [REDACTED] re Project Artichoke, 21 April, 1952.

A
C
A
A

1. [REDACTED] asked [REDACTED] if he had any information on [REDACTED]. Since [REDACTED] is now available for full time work with OSI as a cleared consultant, we would like to bring him more fully into the details of Project Artichoke unless there is some objection on the basis of security. [REDACTED] check and advise [REDACTED].
2. [REDACTED] briefed [REDACTED] the [REDACTED] conversation of 18 April. [REDACTED] indicated that a memorandum to [REDACTED] through [REDACTED] indicating the specific assistance we desire, might be in order. Otherwise [REDACTED] concurred fully with direct contact between [REDACTED] and [REDACTED] on medical aspects of Project Artichoke. [REDACTED] will draft the memorandum to [REDACTED] discussed above.
3. A possible change in responsibilities for Project Artichoke was discussed. [REDACTED] indicated that he would very much prefer some centralized control over all activities rather than having each office going its own way. [REDACTED] will show [REDACTED] first the Status Report now in preparation on the subject.

A

A

CSI: [REDACTED]

Distribution: Orig., AD/SI [REDACTED]
Security File
Chfona

A/B, 5, 133/1

AUG 14 1953

MEMORANDUM FOR: Director of Security

FROM: Acting Deputy Assistant Director
for Scientific Intelligence

SUBJECT: Retention of [REDACTED]
as a Consultant for Project
"ARTICHOKE" C

1. [REDACTED] was carried on the records of this office as a WOC consultant from December 1951 through June 1953. However, this office did not request his contract be renewed for FY 1954 because experience had demonstrated we had not used his services. C

2. Inasmuch as [REDACTED] appointment was for the purpose of performing work under Project "ARTICHOKE," which is now under your auspices, it is believed that he should be carried on the rolls of your office unless, of course, he is no longer being used under this project.

3. In the event your office should desire to reinstate [REDACTED] as a WOC consultant, we shall be glad to assist in any way. [REDACTED] records are in the possession of the Administrative Branch, General Services Staff, OSI, and can be obtained by contacting [REDACTED] on extension [REDACTED] A

A [REDACTED]

A
TAKEN FROM [REDACTED] FILE

A/B, 5, 67/2

C
[REDACTED]
psychiatrist at the [REDACTED]

[REDACTED] appeared to have an unusual degree of knowledge and interest in chemistry, for a psychiatrist. His main interests in the gen'l field under discussion are inhibitors of glucose combustion & acetyl choline esterase inhibitors.

[REDACTED] said that thiaminase had been suggested as a glucose combustion inhibitor. (Review: Yudkin, Physiol. Rev., 29, 389 (1949)). However, it is improbable that thiaminase could be developed into a good covert weapon. Since it is a protein, it is ineffective if given by mouth; it must be injected or inhaled. [REDACTED] felt that the amt. required to effect a person with adequate diet would be rather large for optimum value as a covert weapon. Anti-thiamin compounds were discussed, but they do not seem too promising as covert weapons because of the comparative large amts. which would probably be required to produce a noticeable effect on an individual with an adequate diet.

C
[REDACTED] mentioned radioactive ascorbic acid. It may be effectively given by mouth, injection, or inhaled, and it tends to be concentrated in glandular tissue. [REDACTED] indicated that a very small amt. of the material would produce destruction of the adrenal cortex. Even a slight damage to the adrenal cortex would produce symptoms characteristic of Addison's disease--disturbances in sodium and potassium metabolism and in glucose metabolism. Severe Addison's disease, if not properly treated, will result in death.

C
[REDACTED] gave the names of several individuals who are active in this general field:

H-B/6
C
[REDACTED] felt that sedatives such as barbiturates are about as good as anything he knows as interrogation aids. He thought alcohol was about as good. He felt choline esterase inhibitors should be invest. as antipolygraph aids.

A
TAKEN FROM [REDACTED] FILE

A

He said various shock treatments are effective in producing amnesia. Insulin shock is not effective. Metrosol shock is effective, but it is a sloppy method when used in actual practice. He thought several repeated electroshock treatments given in one day most satisfactory procedure. He said the Japanese used ordinary 110 volt alternating current in psychiatric practice during the war with apparently satisfactory results. He said alternating current produces more confusion than does rectified alternating current, and a square wave rectified current produces the least confusion. There is a discussion of this in a recent issue of the Bulletin of Math. Biophysics.

Polysaccharide or protein, trade name, "Pyromen". A dose of 1 or 2mg gives a fever of less than a degree, but a ten-fold increase in dose would produce a definite elevation in body temperature. Although the chemical nature of this material would indicate it would not be effective if given orally, it should be effective as an aerosol.

A [REDACTED]
21 Feb 52, [REDACTED]

A/B, V, 108, 1

[REDACTED] C [REDACTED] has devoted most of his life to the study of curare alkaloids. He has spent a number of years in the [REDACTED] region of [REDACTED] where he studied native uses of curare and learned native methods of purifying the crude material. In this country he developed a method of obtaining pure d-tubocurarine chloride from the crude material. He has set up [REDACTED] C [REDACTED] in order to mfg. d-tubocurarine chloride. He controls all steps in the mfg. of the product. Most of his product is sold to pharm. houses, and he apparently makes the highest grade of purified curare alkaloid produced in this country.

At the present time the company has four full-time employees plus a variable number of part-time student employees. The average monthly output of d-tubocurarine chloride is 3.5 kilograms.

Research proposals for medical applications:

- 1) Long-acting curare preparation for self-admin.
- 2) Curare preparation for field nerve gas protection

[REDACTED] C [REDACTED] mentioned these men as being acquainted with his work and the general [REDACTED] [REDACTED]

Ideas on covert use: a. partially purified curare is used successfully by [REDACTED] natives to kill game and enemies.

b. Very finely divided crude curare (preferably of the strychnos type) plus a nasal irritant had an almost paralyzing effect when released as an aerosol or powder. c. The crude material contains toxiciferous compounds which are extremely toxic. However, developing toxiciferous compounds for covert use would be comparatively difficult because of the time and work it would take to extract, identify, and test individual toxiciferous compounds. d. Partially purified crude curare would be easy to obtain, have possibilities for covert use. It is more potent than pure d-tubocurarine chloride. It has both the d-tubocurarine chloride properties and what are usually considered undesirable side effects for curare used in medicine. These additional effects involve histamine-like reactions. This material plus a nasal irritant should have an immediate powerful effect in small amounts, when released as an aerosol or powder. It would be very effective if introduced within the body by a dart, etc. It has little or no effect if it gets into a small break in the skin or if taken orally.

A

A

Arch.
A/B, 5, 133/7

6 December 1951

[REDACTED] C
Dear [REDACTED]

Enclosed are two checks for your services sometime ago. I regret the delay in your reimbursement. The checks were held until your next visit to Washington in accordance with previous instructions issued to our administrative people.

I hope that you will let me know of any other services you have performed for us for which you have not received reimbursement. As I noted in my previous letter to you we will try to handle this more expeditiously in the future.

I had a very interesting discussion with [REDACTED] when I was in [REDACTED] on 27 November. I did not see [REDACTED] since he had indicated, when I called him by telephone, that he was extremely busy and would prefer to hold off for awhile. I have his contract here ready for signature but wonder if this is necessary under the circumstances. When I asked [REDACTED] whether he would prefer to be under contract he stated that unless there was some particular reason for it he would prefer not to be. Since we can arrange reimbursement for services without the contract I did not feel it necessary to place [REDACTED] under contract. The situation may be the same with [REDACTED]. C C

I trust that you had a pleasant trip and will be looking forward to hearing from you in the near future.

Sincerely, [REDACTED] A

Encl: Two checks

OSI [REDACTED]

A/B, 5, 133/6

December 21, 1951

2430 "E" Street, N.W.
Washington, D.C.

Dear [REDACTED]

Thanks very much indeed for your letter of December 6 with the two checks enclosed. I would have acknowledged these sooner but had hoped that I might catch you in Washington and do it there. To the best of my knowledge and belief from the records here, these checks bring my personal account up to date and we can, as it were, "start afresh".

C
H-B/6 I think that your decision not to ask [REDACTED] or [REDACTED] to go under contract is a good one. I am sure that they can give their advice from time to time quite as effectively on an informal basis and I would not see any necessity of further formalizing it unless there is need from your standpoint. I have not yet heard again from [REDACTED] and I am afraid that we may be in for some trouble on this since there is some indication that he may remain on the West Coast permanently. Here again I would suggest that we keep the contact informal and exploit it when, as, and if the need arises and it seems practicable to do so.

I am looking forward to seeing you soon either in Washington or here. I expect to be out of the city until the first of January so I suspect this will have to be delayed until the New Year.

With all good wishes for a grand Holiday Season, I am

Most sincerely,
C [REDACTED]

P.S. [REDACTED] suggested that the enclosed prospectus of the Fourth Annual AIEE Conference on Electronic Instrumentation and Nucleonics in Medicine to be held at the Hotel Commodore, New York, January 7 and 8 may contain some interesting features. We have checked the titles that might very well bear on subjects in which we are interested.

C [REDACTED]
Enclosure

A/B, 5, 133/5

2430 "E" Street, N.W.
Washington, D. C.

28 December 1951

[REDACTED] C
[REDACTED] B
Dear [REDACTED]

Enclosed please find a check in the amount of \$53.51 to cover your expenses of last summer. I trust that this is satisfactory and brings us up to date on the expenses you have incurred in our behalf, if not please let me know in order that I may straighten the matter out.

I regret the delay in your reimbursement. As I explained before, it was occasioned by the lack of adequate preparations prior to your visit and the hasty manner in which we were forced to proceed. This delay will be avoided in the future and I believe we can arrange expeditious reimbursement for your services.

Sincerely,

A [REDACTED]
Encl. Check for \$53.51

OSI [REDACTED]

A/B, S, 133/4
2430 E Street, N.W.
Washington, D.C.

10 January 1952

[REDACTED] C
Dear [REDACTED]:

I received your letter of 21 December and appreciated the Holiday greetings. I hope that you had a pleasant time over the holidays and are not too busy in the aftermath.

Since you have not heard from [REDACTED] and there is indication that he may remain on the West Coast permanently, I agree that it might be best to drop him for the present. Of course, should he ever have anything to contribute which would be of interest to us we would appreciate your passing along.

H-B/6
I am glad to hear that the reimbursement problem is settled for the present. There is one minor matter in this connection - as you may recall in a previous letter I indicated that our new procedures do not provide for the use of T/R books by consultants. Should this be an inconvenience to you I will be glad to set up a revolving fund to cover any incidental expenses you may incur. I would appreciate it therefore if you could return the T/R books issued to you and in order that we may clear the records here.

Enclosed is a copy of your Personal Service Contract which the Agency asked me to deliver to you.

Hoping to see you on your next trip to Washington, I remain

Sincerely yours,

A
P.S. [REDACTED] asked me to pass along to you his appreciation for the nice Christmas Card you sent him. He suggests that in the future it might be more expeditious if you could send these to his home address:
[REDACTED]

A/B, 5, 133/3

January 16, 1952

2430 E Street, N.W.
Washington, D.C.

Dear [REDACTED]

[REDACTED] showed me your letter asking that the TR book be returned; also, he gave me the checks which you sent in the second letter. I was glad to hear that everything is going well with you. Drop in to see us when you can. I am returning the TR book with this letter.

Sincerely,

Enclosure - TR Book [REDACTED]

T.R. Book received and forwarded 1/18/52

A/B, 5, 133/13

10 September 1951

MEMORANDUM TO THE FILE

SUBJECT: Conversation Between [redacted] and [redacted]
in [redacted] on 7 September 1951

A
C
H-B/6
1. [redacted] informed [redacted] of the desire to have a psychiatric program move along at the same time as the physiological one, which will be suggested by [redacted]. [redacted] had definite hopes that the contribution of [redacted] and [redacted] will be immediate and significant. He is going to be in Washington on Wednesday, 12 September, and will see them then. He may or may not stop in to see [redacted] that day.

A
C
2. It was agreed that [redacted] would meet [redacted] prior to their going to see [redacted] on Thursday, 13 September.

C
A
C
3. [redacted] told [redacted] that [redacted] in his search for information, had had some contact with [redacted] of the [redacted]. [redacted] evidently has certain material bearing on this project, but is a consultant for a government agency (probably CIA), and does not feel at liberty to disclose this material. [redacted] asked what could be done about making this material available to [redacted].

A [redacted]

A/B 5, 133/12

18 September 1951

MEMORANDUM TO THE FILE

SUBJECT: Conversations with [REDACTED] in Washington - 12 September 1951

C 1. [REDACTED] agreed a full time literature surveyor might well be used. He suggested use of a graduate student who wished to earn money for a year before continuing his studies. [REDACTED] hoped that [REDACTED] would have some names to suggest.

C A 2. [REDACTED] was briefed concerning the potentialities of [REDACTED] and [REDACTED]. He stated he would suggest topics in the foreign field which they could investigate.

CA 3. He was doubtful if [REDACTED] would have more than one or two specific projects in mind at this time, but he felt that discussion of even one would make [REDACTED]'s trip to [REDACTED] worth while.

A [REDACTED]

~~SECRET~~

27 September 1951

A/B, 5, 133/11

MEMORANDUM FOR FILE

CIA - 24 September 1951

[REDACTED] stated that:

- C 1. [REDACTED] had talked to [REDACTED] about having [REDACTED] undertake the polygraph comparison project. [REDACTED] on 25 September, phone [REDACTED] who said he would check up on this matter.)
- C 2. [REDACTED] has seen [REDACTED] called [REDACTED] who said he would report his findings to [REDACTED]

3. The interrogation study is considered very important by the panel. This study should be valuable not only to the project, but the techniques developed in the last few years would be of value to the general operation of CIA. In addition there are doubtless answers to certain Bluebird questions which have been developed in the last five years.

4. The following persons or groups might be considered for employment on a regular basis to organize the details of the psychological phase of the program.

a. [REDACTED]

b. [REDACTED]

c. [REDACTED] (Now working on [REDACTED])

d. [REDACTED] a [REDACTED]

5. [REDACTED] might be considered as a regular consultant in the initiation of the narco-hypnosis or narco-analysis phase of the project.

A [REDACTED]

A/B, 5, 133/10

24 October 1951

MEMORANDUM FOR THE RECORD

AC SUBJECT [REDACTED] Trip to [REDACTED] 19-20 October 1951
(Conversations with [REDACTED])

AC 1. [REDACTED] met with [REDACTED] and [REDACTED] in the
OO Office [REDACTED] at 10:00 a.m., 19 October. [REDACTED] and
[REDACTED] were briefed on the general progress being made in the
various research fields of the project and appeared to be consid-
erably heartened over the program as outlined.

AC CB 2. [REDACTED] asked [REDACTED] to look in on the work
going on at [REDACTED] in connection with rapid selection
techniques. [REDACTED] will report on its bearing, if any, on
our project and the scope, techniques, etc., of the work.

AC 3. [REDACTED] advised [REDACTED] of the plans for a
thorough approach to all methods of detecting deception. [REDACTED]
agreed to contact [REDACTED] as soon as he returns from [REDACTED] A
(early in November) and put [REDACTED] in touch with [REDACTED]
before he takes any action in the field.

AC 4. [REDACTED] asked if [REDACTED] would get a report from
[REDACTED] on his conversations with [REDACTED]. [REDACTED] will
continue to work on the general aspects of psychological techniques
for interrogations. (It has been generally agreed by psychologists
and psychiatrists both within and outside CIA that a psychological
approach to the interviewee, regardless of the techniques used, is
the most important part of the problem.)

CA 5. [REDACTED] agreed to arrange for all requests for travel
and requests for reimbursement for travel originating from the panel
members to be sent to [REDACTED] who will arrange for the details.

AC 6. It was agreed that [REDACTED] would maintain contact with
the panel through [REDACTED] either in Washington or [REDACTED] at
least every two weeks in order to benefit by new ideas turned up by
them and to obtain their ideas on projects in progress.

OS [REDACTED] A [REDACTED]

A/B, 5, 133/9

2 November 1951

MEMORANDUM FOR FILES

SUBJECT: Report by [REDACTED] C

C
1. [REDACTED] telephoned on 31 October to pass along the following information:

H-B/6
a. [REDACTED] is a personable, much respected, keen-minded individual. He is personally considered rather difficult being somewhat arrogant and fixed in his opinions. Based on his work to date, however, this feeling may be somewhat justified.

CB
b. His work consists primarily of population studies and has some relation to the [REDACTED] It is tied in in some way with an [REDACTED] unclassified project. In this connection [REDACTED] mentioned an additional contact, [REDACTED] who is performing attitude tests. H-B/3

CB
c. [REDACTED] has some information and will get in touch with [REDACTED] directly.

CA
H-B/6
d. [REDACTED] has returned from [REDACTED] and will also get in touch with [REDACTED] directly.

C
e. [REDACTED]'s papers have not been returned to [REDACTED] will check.

OSI [REDACTED]
A [REDACTED]

A/B, 5, 133/8
13 November 1951

MEMORANDUM FOR THE FILE

SUBJECT: Conversations with [REDACTED] 19 November 1951

C 1. [REDACTED] called at 9:30 this date to advise that he has obtained information on a contact we might be interested in. He learned of the contact at [REDACTED] while he was looking into other projects there and advised that from the background information he has been able to pick up this man is highly recommended for certain aspects of the project.

2. Specifics on the individual are:

NAME

- [REDACTED] H-B/6

SPECIALTY

- Physiologist--

BACKGROUND

- One year graduate work

Further study [REDACTED]

PRESENT LOCATION

- [REDACTED]

3. The man is young, aggressive and is considered by his associates to be highly qualified in his field.

CA 4. Since [REDACTED] had previously advised [REDACTED] that [REDACTED] should contact [REDACTED] [REDACTED] was informed of certain difficulties in this connection. It was recalled that [REDACTED] had appeared lukewarm on the subject from the beginning and this coupled with certain difficulties in connection with vouchers and minor details since, may have completely soured him on the subject. Difficulties in attempting to reach [REDACTED] by telephone make it appear that this is the case. We want to do everything we can to restore [REDACTED]'s confidence in our project but if this cannot be done we should recognize it immediately and go along with someone else.

C 5. [REDACTED] stated that we would undoubtedly find [REDACTED] somewhat "thorny" but that he is still definitely interested in the project.

A

A/B, 5, 133/14

4 August 1951

MEMORANDUM FOR FILE

A
A
1. [redacted] described his conversation with [redacted] to [redacted] and [redacted] as follows:

a. They had a highly successful meeting on 1 August in the [redacted] Office. The notes of the meeting on July 23rd had arrived in time and were very helpful in the discussion. The other members of the Panel will continue to participate on a meeting-to-meeting basis as long as they feel they can make a significant contribution. At the present time, they are very much interested and are going to undertake a course of reading and speculation relating to the project.

C
b. The Panel developed a statement of requirements relating to the group as a whole and another set relating to each individual present. [redacted] will probably make two trips to Washington prior to the 1st of September. During the course of the first he will bring to CIA the statements of requirements referred to above. [redacted] will be on vacation from 4 August until the end of the month. Upon his return, it is hoped that the first meeting can be held with all panel members and the military service representatives present.

C
c. By the time of this meeting, it is hoped that a statement will have been prepared outlining in general terms, the extent of the financial requirements to support the program during the next year. It is probable that [redacted] Organization could act as a main contracting agent who will in turn then subcontract the research projects covering general specific phases and requiring smaller amounts of money.

MINUTES OF MEETING

11 June 1951

A/B, 5, 133/15

PRESENT:

[REDACTED] Consultant
[REDACTED]
[REDACTED] MSS
[REDACTED] OSIA

C
A G

A

1. [REDACTED] outlined his plans for the first meetings of the Panel after it is fully constituted. The first meeting will constitute a detailed briefing with the members of the CIA Group present. This briefing would be conducted largely by [REDACTED] and if desirable, service representatives such as [REDACTED] who could make a significant contribution. The second meeting would take place about a week later. At that time, the Panel would meet with no more than the CIA Group present and would develop suitable terms of reference, that is a clear understanding to themselves as to the exact meaning of terms and an understanding of the problem itself. The third meeting might necessarily take place sometime after the second. During the interval the Panel members would have studied the problem and would at this meeting attempt to agree upon specific lines of research. In view of the need of the field for answers to specific problems with minimum delay, it may be necessary to develop short-term projects at the same time that the long term project in fundamental research is being carried on. The Group agreed with [REDACTED] in his approach and urged him to organize the Panel with minimum delay. He stated that all the people whom he wanted in the initial group were cleared with the exception of [REDACTED]. [REDACTED] said he would report on clearance as soon as possible. It is desired to hold the first meeting of the Panel sometime during the week of June 17th at the latest.

2. The question of [REDACTED] acting as an Advisor to the Panel was again discussed. [REDACTED] said that for the time being it would be desirable to proceed without [REDACTED]'s assistance. Should his help be essential in a specific problem at a later date, approaching him will be considered at that time.

3. The memo entitled "Organisation of a Special Defence Interrogation Program" as revised by the meeting of June 8th was discussed and accepted as a current outline of the general project.

4. [REDACTED] urged having a meeting of the [REDACTED] representatives this week if possible.

B/3

Meeting - 11 June 1951

The meeting with the [redacted] representatives will of necessity be delayed until sometime around July 1. The [redacted] representative is to be one of two persons both of whom are out of town until the end of the month. [redacted] does not wish to designate a new representative except in the case of an emergency, C

The [redacted] designee, [redacted] has not had an opportunity to become familiar with this material and probably could not do so during the balance of this week. These facts were brought to the attention of [redacted] who agreed to the postponement of the meeting until the end of the month. C
A

A [redacted]

10 May 1951

A/B, 5, 133/16

MEMORANDUM FOR THE FILE

SUBJECT: Meeting on Project BLUEBIRD held 9 May 1951 at 1600 hours

Present:

1. [redacted] has been active in the program for several years and is thought to feel that they have materiel and methods ready for field use. The panel, when it becomes familiar with their back-ground of experimentation, will still have the purpose of exploring the possibilities of long-range research.

2. It will probably be necessary, therefore, to develop short-term projects in which the work done by the [redacted] can be further evaluated while concurrently the long-range program is being initiated. This program would cover the many complex physiological problems which are of no immediate concern to the field teams, such as, in the determination of the effects of a drug, why does a person talk, what part of the brain is functioning, etc.

3. The group agreed that as soon as the panel was organized it would be desirable to have [redacted] and [redacted] conduct a briefing. Such a briefing could appropriately take place at [redacted], where certain people who have actually conducted experiments would give further details if desired.

4. The major problem is the need for a program. [redacted] was directed to start outlining a program which, with the approval of [redacted] should be the appropriate basis for conversations between [redacted] and [redacted] near the end of the month.

5. The names of [redacted] and [redacted] of the [redacted] were suggested as possible members of the project organization. If they should be available and appropriate roles developed, we will proceed with obtaining their services.

A
[redacted]

Friday 2:30 p.m.
4 May 1951

A/B, 5, 133/17

MEMORANDUM TO THE FILE

were present:

It was agreed that the first substantive project is to assemble or find out where work has been done or is being done in the field related to "Operation BLUEBIRD". To obtain this information three sources will be exploited:

- a. The clinical literature
- b. Information through the governmental contacts of CIA
- c. Direct sources (to be exploited as the program develops)

In the discussion it was surmised that about 50% of the information available would come from programs under way in the Federal Government. (Reference here is to the programs also at [redacted] and the [redacted]). The balance would be obtained through the contracts to be let upon the recommendation of the Panel. The Panel and its program would start working entirely in terms of what it could do for CIA. When full inter-agency coordination was effected it could then assist other agencies in direction of their research efforts.

As a means of effectively bringing out what is under way in this field, two suggestions were discussed:

- a. A meeting with a high-level person who would have sufficient authority to effect full disclosure
- b. The possible establishment of a defense agency as the coordinating agent. [redacted] described how this had worked in a similar situation.

Of the persons who have been active for the government in this field, [redacted] was mentioned and [redacted], who was known to have been interested, but whose exact role was not clear.

The need for great care in maintaining secrecy was emphasized and [redacted] said he was quite aware we might often have to work through "cut-outs" to obtain the essential technical knowledge.

The meeting then discussed the group to be organized in OSI to furnish support for the field teams and the Panel. The OSI staff is to be entirely apart from the Operations Research Laboratory of I & SS.

For this OSI staff the personnel should include:

- a. Chief - highly trained in psychiatry or clinical psychology
- b. Abstractor - to keep abreast of the published clinical information
- c. Pharmacologist - Could possibly be located through the center at [redacted]
- d. Neuro-psychiatrist - A man familiar with leudotomy and lobotomy or who has done work similar to [redacted] in behavioral studies after major brain surgery. It was suggested that suitable candidates might be located through [redacted] for [redacted]

e. Anesthetist

Other clinical psychologists as needed.

A [redacted] electronics man to work with the operational research laboratory would be needed. Suitable candidates might be located through [redacted] or [redacted] of the [redacted] C 5/3

A One individual familiar with testing could be a valuable member of the group. It might be possible to recruit such a person from within CIA. [redacted] of the Administrative Staff, CIA, will be consulted.

It was hoped that one or two of these persons could spend a major portion of their time actually working at private and government laboratories where research is being carried out. As the program develops it was thought that valuable assistance could be rendered by personnel hired for the summer to carry special projects. In mind were college staff personnel whose duties were light at that time of year. This could only be considered after the general program was well established.

[redacted] stated:

He hopes to locate some personnel through [redacted] of the [redacted]

He had made inquiries concerning [redacted] and would like to delay making a final decision about bringing him into the project.

He suggested the names of [redacted] and [redacted] of the [redacted]

A set of the papers of [redacted] were given to [redacted] for clearance. The other set will be forwarded on Monday the 7th through [redacted] A

Personnel channels for action on the contract.

A [redacted] will give [redacted] some names for [redacted] consideration as panel candidates. C

The problem of test subjects was discussed. In addition to volunteers from within CIA the possible use of Displaced Persons was considered.

C [redacted] will return on Wednesday, 9 May 1951, at 1100 p.m.

A [redacted]

A/B 5, 133/19

1 May 1951

MEMORANDUM FOR FILE

SUBJECT: Miscellaneous Items

1. [redacted] called [redacted] Monday, a.m., 30 April. [redacted] advised that he would be down at 4:00 p.m., Wednesday.

2. [redacted] talked to [redacted] at 2:30 Monday and arranged for a meeting with [redacted] and [redacted] at 10:00 a.m., Wednesday, 2 May. [redacted] advised against talking to [redacted] until we receive the answer to [redacted]'s memorandum including certain restrictions. [redacted] gave the green light for conversations with [redacted]. [redacted] was advised of the [redacted] visit scheduled for 4:00 p.m., Wednesday.

3. [redacted] called [redacted] (see memorandum to file on the subject).

H-B/3

B/3

A [redacted]

A/B, 5,133/18

2 May 1951

MEMORANDUM FOR FILE

A
C
1. [REDACTED] met at 10:00 o'clock in [REDACTED] office at 2210 E St. It was agreed that first priority should be given to assisting [REDACTED] to get his program clearly laid out. Concurrently the existing organization within CIA should be expanded to about ten or twelve persons. This would include at least two teams. In the planning for future teams, it is probable that 45 days basic training should be allowed. The personnel should then go for further training to [REDACTED] and after a period there could start operational training or independent operations.

A
F
C
2. As [REDACTED] Laboratory and Consultant Panel Programs develop they will be tied in with operations.

C
A
3. There is an urgent need at the present time for [REDACTED] to initiate research on specific problems.

4. [REDACTED] will meet with [REDACTED] at 9:30 on Friday morning to discuss certain details of the training program.

A [REDACTED]

Paul
A/B, 5, 133/20

18 April 1951

MEMORANDUM FOR "BLUEBIRD" FILE

C
H-46
C
[REDACTED] said that he had talked with [REDACTED] (organization), on the "Bluebird" subject while [REDACTED] following on during the preparation of the [REDACTED] Report". [REDACTED] was concerned and knowledgeable of the physiological effects of the nerve gases.

A [REDACTED]

~~SECRET~~

A/B, 5, 134/1

ATTN: Chief, Contact Division
Scientific Branch

9 April 1952

~~SECRET~~

G

~~SECRET~~ H-3/3

SOURCE: ~~SECRET~~

C

C
A

1. During my visit this morning with ~~SECRET~~, he told me that he is now ready to go on the psychogalvanic machine. Both ~~SECRET~~ and ~~SECRET~~ have knowledge of this project.

C

2. At the present time, ~~SECRET~~ chief problem is to get some guinea pigs for his project, for which the ideal type would be either a scientific or a professional man, unacquainted with ~~SECRET~~ and having no knowledge of ~~SECRET~~ background or field. ~~SECRET~~ suggested that it might be well if these people (he would like a minimum of five) had clearance from our Agency.

C

3. I am sure I would be able to get five people for ~~SECRET~~ from among our acquaintances here in the ~~SECRET~~ who have been cleared either for contact or for hire.

C

4. I told ~~SECRET~~ I would be glad to be one of his first guinea pigs, contingent, of course, upon approval from your Headquarters.

H-B/6

C

5. In a recent visit with ~~SECRET~~ was informed that his associate, ~~SECRET~~, has not yet been cleared. I was quite sure ~~SECRET~~ had been cleared, and immediately upon returning to my office, I checked our files and found that on 19 May 1950, name check was requested; on 19 July 1950, we were advised that he was placed in an "approved-caution" category. I believe that if this rating could be upgraded, it would be an advantage to ~~SECRET~~. You might please notify ~~SECRET~~ of this information.

A

6. I shall appreciate your suggestions and approval.

~~SECRET~~

A

A

~~SECRET~~

cc ~~SECRET~~

~~SECRET~~

A/B, 5, 134/5

31 August 1951

MEMORANDUM FOR FILE

A 1. [redacted] informed [redacted] that yesterday [redacted] had
C been in touch with him. [redacted] had just received a telephone call
from [redacted] asking if they could get together. [redacted] felt
that it was probable [redacted] would like to discuss activities re-
lating to Artichoke. Bearing in mind that he [redacted] had been
instructed to confine his activities to the foreign field, he was re-
questing [redacted]'s permission in the absence of [redacted] to
listen to a description of [redacted] relevant work. A
C [redacted] granted this permission and asked [redacted] to discreetly try to ob-
tain information as to [redacted] progress with the encephalograph A
and the activities of [redacted] who has been with [redacted] C
for quite sometime on a special psychiatric project.

A [redacted]

[redacted]

Office Memorandum • UNITED STATES GOVERNMENT

TO : File

DATE: 25 January 1952

FROM : [REDACTED] A

A/B II, 166, 1

SUBJECT: [REDACTED] Case

On Friday, 25 January 1952, the writer was called to the office [REDACTED] for the purpose of a conference with one [REDACTED] concerning the instant case. A

[REDACTED] explained in substance the [REDACTED] case as follows: [REDACTED] (whose real name is [REDACTED], is a 29-year-old [REDACTED] and was the head of a small political party based in [REDACTED] and ostensibly working for [REDACTED] independence. [REDACTED] was described by [REDACTED] as being young, ambitious, bright (elementary college education), a sort of a "man-on-a-horse" type but a typical [REDACTED] politician. According to [REDACTED] our people discovered that [REDACTED] Intelligence Service were attempting to bribe [REDACTED] and make him a double agent and [REDACTED] was looking with favor upon the [REDACTED] offers. Accordingly, a plot was rigged in which [REDACTED] was told he was going to be assassinated and as a "protection", he was placed in custody of the [REDACTED] Police who threw [REDACTED] into a [REDACTED] prison. [REDACTED] was held in the [REDACTED] prison for six months until the [REDACTED] authorities decided that [REDACTED] was a nuisance and they told our people to take him back. Since our people were unable to dispose of [REDACTED] they flew him to [REDACTED] where, through arrangement, he was placed in a [REDACTED] as a psychopathic patient. [REDACTED] now has been in the [REDACTED] hospital for several months and the hospital authorities now want to get him out since he is causing considerable trouble, bothering other patients, etc. [REDACTED] is not a psychopathic personality. H

[REDACTED] explained that they can dispose of [REDACTED] by the simple process of sending him to a friend of his in [REDACTED], and as far as they are concerned, that type of disposal is perfectly o.k. However, because of his confinement in [REDACTED] prison and his stay in [REDACTED] hospital, [REDACTED] has become very hostile toward the [REDACTED] and our intelligence operations in particular. Hence, considering an "Artichoke" approach to [REDACTED] to see if it would be possible to re-orient [REDACTED] favorably toward us. This operation, which will necessarily involve the use of drugs is being considered by [REDACTED] with a possibility that [REDACTED] will carry out the operation presumably at the [REDACTED] hospital in [REDACTED]. Also involved in this would be a [REDACTED] interpreter who is a consultant to this Agency since neither [REDACTED] F

[REDACTED] pointed out to [REDACTED] that this type of operation could only be carried out with the authorization of Security and that, under no circumstances whatsoever, could anyone but an authorized M.D. administer drugs to any subject of this Agency of any type. [REDACTED] pointed out that there was a strong possibility that the military A

authorities would not permit their hospital to be used for/type of work and also that a re-conditioning operation of this type might take as long as 30-60. [redacted] Further pointed out that ~~xxxx~~ if such an operation were carried on, Security would have to be cognizant of it, would have to be co-ordinated into the organization and would possibly take over and run the operation themselves since this type of work is one in which Security handles. *for the agency.*

It was agreed between [redacted] and the writer that a conference would be laid on Monday afternoon when [redacted] representatives and the [redacted] interpreter return from [redacted] and their talk with [redacted]. At which time, the angles would be explored and a dispatch ~~xxxx~~ would be forwarded to our people in [redacted] directing them to find out whether the [redacted] would permit such an operation and whether the [redacted] would allow the Agency to have the use of the necessary rooms, medical facilities, etc. as would be required for this type of operation. At this time, it was also to be determined whether the disposal of [redacted] could in fact be laid on.

Comment:

This particular operation was mentioned in general terms to the writer by [redacted] approximately thirty days ago on an informal basis but no significant details were given at this time.

While the technique that [redacted] are considering for use in this case is not known to the writer, the writer believes the approach will be made through the standard narco-hypnosis technique. Re-conditioning and re-orienting an individual in such a matter, in the opinion of the writer, cannot be accomplished easily and will require a great deal of time and the fact that an interpreter is necessary in the case complicates it considerably more. It is also believed that with our present knowledge, we would have no absolute guarantee that the subject in this case would maintain a positive friendly attitude toward us even though there is apparently a successful response to the treatment. The writer did not suggest to [redacted] that perhaps a total amnesia could be created by a series of electro shocks, but merely indicated that amnesia under drug treatments were not certain.

Office Memorandum • UNITED STATES GOVERNMENT

TO : File

DATE: 7 February 1952

FROM : [REDACTED]

SUBJECT: [REDACTED]

A/8, II, 166, 2

1. On Wednesday, 30 January 1952, at 9:30 AM, the writer called [REDACTED] relative the [REDACTED] case. [REDACTED] stated that the [REDACTED] official and interpreter had made a trip to [REDACTED] and had seen [REDACTED]. [REDACTED] stated that [REDACTED] and the interpreter had reached complete accord on the handling of the [REDACTED] situation. [REDACTED] then stated that he was trying to arrange that the [REDACTED] case could be lined up completely before he set up conferences with I & SO relative the trip [REDACTED] promised to call the writer at the end of the week.

2. On February 1952, at 12:15 AM, [REDACTED] called the writer relative the [REDACTED] case. [REDACTED] stated that in [REDACTED] at the top level, some opposition had arisen to the handling of the [REDACTED] case in the manner that had been proposed. [REDACTED] stated that since this opposition of the higher-ups had arisen, nothing would be done relative the [REDACTED] case. [REDACTED] stated that he would call immediately upon any new developments along these lines. The writer informed [REDACTED] that I & SO would be glad to consider the matter and would wait until it was brought up again and would await his call relative any new developments.

[REDACTED]

ATTENTION

Asst. Deputy Director (Admin), I&S
Assistant Director for Scientific Intelligence

A/B, 5, 198/2
APR 25 1951

Conversations with [REDACTED] C

1. [REDACTED] of the [REDACTED] held a cocktail party at his home on the evening of 23 April to introduce [REDACTED] and [REDACTED]. These gentlemen are in the city primarily for a meeting called by [REDACTED] about analytical detection equipment. Among the guests were [REDACTED]. During the informal conversations, [REDACTED] asked to have three or four minutes for private conversation, and we retired to the library.

2. [REDACTED] asked what was happening in CIA on the subject very close to his heart of special interrogation methods; said that he had heard from somebody in CIA, probably from one of the covert shops, that [REDACTED] had assumed leadership of the program. He said that if CIA did not plan to develop the program aggressively, he felt it was so important that he was planning to take personal steps within the [REDACTED]. I told him of the selection of [REDACTED] and asked if he, [REDACTED], would be willing to talk with [REDACTED] and myself. The answer was in the affirmative. I also asked [REDACTED] if he felt that the first thing that should be done in this program was to put out a word of warning to the [REDACTED] from the defensive aspects, and if so, what sort of warning should be given. He said that he would like to think about it and would be glad to talk about it at the time that [REDACTED] saw him.

3. [REDACTED] has been to [REDACTED] recently, perhaps on two trips, and knows something about the methods that the [REDACTED] are using for uniformed personnel. He knows of no use of drugs or hypnosis, but has received reports on the use of duress. He says that there are formal [REDACTED] reports on the subjects.

4. With your concurrence I will ask [REDACTED] to talk with [REDACTED] early in the program. I am sure that [REDACTED] would appreciate any briefing that you may wish to give him about the scope of these conversations.

5. On an entirely different subject, and divorced from the conversation with [REDACTED], have you given any thought to the program that should be planned for the debriefing of [REDACTED] should he become available in the near future? B/6

OSI: [REDACTED] A [REDACTED]

A/B, 5, 221/3

Chief, Contact Division
Att: Scientific [redacted] A

20 May 1958

Chief, [redacted] Office G

Cas [redacted] B

Ref: [redacted] H - B/3

C
1. [redacted] was enthusiastic about the possibility of having his group test the effects of bulbocapnine and similar drugs which affect the psyche. On the other hand, he pointed out that he was not familiar with bulbocapnine and requested that we furnish him all available publications on its use. He was told that as far as our office knew, there have been no experiments with the hypnotic effects of bulbocapnine upon humans. He then asked for available literature describing experiments with animals.

2. During the course of the conversation he was advised that CIA was currently hampered by budgetary limitations on such research projects. At that point he stated that the "cost had not occurred" to him, and he stated that preliminary investigations of this type should not be expensive. He indicated that if the experiments appeared to be "interesting" there was a good possibility that they could be conducted without charge. If the preliminary investigations warranted more thorough studies involving large allocations of research personnel and facilities, then it might be necessary to renegotiate on the basis of partial reimbursement. This, he said, would depend on "how far you people want to go with this thing."

C
3. [redacted] was advised that the security aspects of this project were rather sensitive from a propaganda point-of-view and that for the time being no CIA or US Government interest in such experiments should be revealed to anyone. It was pointed out to him that with the increase in interest in the biochemical approach to psychiatry and the furor caused by Huxley's paper (on LSD-25) at the APA meeting in St. Louis, the investigation of the further effects of such drugs would appear to be a critical research undertaking by a group such as his. In other words, the impetus for the experiment would emanate from him personally. He agreed to this but stated that he would have to think the matter over and get some ideas on how the thing should be operated. He expressed a desire to discuss the matter with either [redacted] or [redacted] security status disapproved - 7 Jan 58 or with [redacted] [redacted] working for [redacted] and [redacted].
[redacted] [redacted] was primarily interested in [redacted] therefore he was advised by [redacted] that [redacted] would be the better bet. [redacted] could be let in on the actual experiments but need not be told that they were CIA inspired. [redacted] [redacted] advised him to go confer with [redacted] until he received further word from our office. A security check [redacted] B/6

H-B/6

A

$A/B, 5, 230/11$

SUBJECT: Conversations with [REDACTED] 6 December.

1. [redacted] called [redacted] on 6 December to pass along some information. As background, [redacted] while in [redacted] on 27 November, had suggested to [redacted] that it might be advisable to get together a team of pharmacologists to review the drug aspects of Project Artichoke. We have noted that all of the large pharmaceutical houses have investigated drugs from this standpoint. A properly selected group of pharmacologists who might have access to the research done in the various business concerns would save us a lot of time and effort. [redacted] agreed and advised that he would discuss the point with [redacted]

2. In his telephone call, [REDACTED] stated that he thought the idea has merit and suggested individuals for our consideration as follows:

3. [REDACTED] stated that he has consulted with his colleagues and the consensus is that these individuals would be far better than any pharmacologists in industrial laboratories. They are considered to be the fountain heads of the most important work that has been done on the pharmacological work, to Project Artichoke.

4. [redacted] stated that he was not personally acquainted with any of the men but suggested them as contacts we might want to develop. [redacted] expressed our appreciation for his suggestions and advised that we would go ahead with these individuals.

SAVED FROM [REDACTED]



•

100

10. We had no experience of any anti-convulsive drug regularly prophylactic against photogenic seizures. Numerous well-known anti-convulsive drugs were tried.

11. He thought that interrupted sound, being less effective than interrupted light, was hardly worth a trial. Combining sound with light seemed to him to add more complication than it offered gain--either toward making subjects more sensitive, or raising more subjects sensitive.

12. Small, continuous or interrupted, seemed to have been far less experienced with such experiments as the literature offered had been unimpressive in his opinion.

c

...the ...

A/B, 5, 342/1

31 January 1955

~~XXXXXXXXXX~~
~~XXXXXXXXXX~~ H
Attached

A

1. Attached herewith is a memo receipt signed by ~~XXXXXXXXXX~~ acknowledging payment to him of \$37.50 in cash.

A
H-B/6

2. Also attached is a cancelled check made out by ~~XXXXXXXXXX~~ to ~~XXXXXXXXXX~~ in the amount of \$37.50. This check represents payment by ~~XXXXXXXXXX~~ for certain highly sensitive materials which have been delivered to us and are now being held in the writer's safe.

H-B/6

A ~~XXXXXXXXXX~~

TO: Chief, Technical Branch O/S.O.

FROM: CSI/Medicine

SUBJECT: Report on Special Trip Authorized by Memo of 13 Oct. 1954.

As directed, at least 10 professional contacts were made during the time of 28-29 October 1954. Every contact made, by great good fortune, through agency preparation and whole-hearted cooperation of all concerned, had most gratifying results. One of the desired substances collected has a commercial value of over 600 dollars, the other a production value of over 1000 dollars. Others are rare items, commercially not obtainable, all secured without expense to this agency. In addition, valuable data and files were collected, as well as specimens from outstanding collections for further study and guidance. The personal contacts with field agents, executives, and scientists, old friends and acquaintances, some covertly, laid a promising foundation for further joint action.

Contact with [redacted] through him with the officers and staff members of [redacted]

A. - Doltitron

[redacted] has recently proven the value of doltitron, giving fine results in over 20 cases. He gives doltitron a definite place in the new era of anesthesiology, designating it as analgesic rather than as an anesthetic, on a borderline agent, since it keeps the patient at least partially conscious. It makes the entire system insensible to pain, in contrast to a local anesthetic, leaving the patient able to obey instructions from the doctor and retaining the ability to use the muscles, while it causes forgetfulness the blood-circulation rate is not greatly slowed, and surgery is possible with less bleeding and depression as well as deep anesthesia are only obtained after very large doses. Doltitron has been used successfully alone or in combination with other drugs, such as curare, succinyl chloride, cocaine, nitrous oxide and ether. (See detailed data on table attached) In dental, eye, ear, nose and throat surgery, and in bronchoscopy, causing in contrast to pentothal no spasms. It has given extended and prolonged relief from pain in advanced cancer and in hemorrhoid removal. Its use in childbirth is in progress. For detailed clinical results see Table I attached.

Methods of Administration

1. Oral Use: Extended experiments are planned after completion in the laboratories of studies to improve the physical properties of doltitron such as suspension or solution, removal of odor and adjustment to the desirable pH.

2. Intramuscular Injection: The acute stinging pain, lasting about 2 minutes, may be overcome by the simultaneous or preceding injection of a local anesthetic such as procaine. The raising of the arm above the horizontal level, in case injections are made in the arm, are also recommended to forestall pain and temporary swelling.

3. Intravenous Injection: The use of the greatly improved lyophilized doltone preparation, white, odorless powder, staying in 2% aqueous solution for about 3-4 hours, at a pH of 4.5, given intermittently by vein, as necessary, is recommended. Fortunately this lyophilized preparation is also now available for the experiments planned by the agency, through the cooperation of _____ and Mr. _____.

Pharmacological and Toxicological Studies

The value of doltone as an intravenous anesthetic is also indicated in animal experiments. According to staff members of the _____, the acute LD₅₀ for the sodium salt of doltone is approximately 3 times that of thiopental. While minimal hypnotic doses for these 2 anesthetics are similar, the duration of hypnosis is more than doubled, being 53 minutes for doltone and only 20 minutes for thiopental in single SC₅₀ LD₅₀ doses. No cumulation was observed in repeated intravenous dosing at regular frequent intervals in rabbits; using doltone; and in dogs this cumulation was minimal. In contrast, using thiopental with an identical procedure, the duration of hypnosis in rabbits and dogs becomes longer with each succeeding dose. Signs of toxicity, as measured by hematology, body weight and gross and microscopic pathology, did not occur in dogs which were maintained in deep surgical anesthesia for two 90-minute periods. There was no appreciable change in blood pressure in dogs receiving repeated rapid intravenous injections of doltone, until doses were given which were large enough to cause respiration paralysis.

Chemistry

Doltone is the registered name for the chemical compound

5-ethyl-phenyl-a-thiazane-2-n-olone

B. Soothing Mouth Agents: Xenon

For purposes of very fast effects of anesthetization, without too great a risk of fatality resulting from its use, _____ suggests the consideration of

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1998

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8/3

Environ Biol Fish (2015) 98:1111–1121

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B/L

B/S

...with their members ...
...the conference with ...
...the section chief of solvent preparations, the
...following problems were discussed:

1. The final total synthesis of LS (Lysergic acid) and of Ergonovine. This had not been accomplished and was subsequently published. (See copy attached). The synthesis of LS resulting from years of group research, requires such a complex procedure that kilo and larger stockpile quantities cannot be expected for the present. An attempt is now contemplated to use biocynthetic methods for the possible simplification of the process in the laboratories. The synthesis of ergonovine, useful agent in facilitating child birth and treatment of migraine, was also made possible by the conversion of the di-lysergic acid to di-iso-lysergic acid, hydrolysis, and conversion to ergonovine, which last step had previously been patented by ... (See attached copy attached).

2. Mary ... said ... have been prepared in the bio-chemistry department headed by ... These are available to us for further study. One of these, the lysergic acid morpholine, is being studied by ... who offered to inform us when results are available.

3. Corn Salt (Mettler's). The use of corn salt, recognized in Mexico as a medicine, and used in cocaine apprehension and four in paratroopers behind the Iron Curtain and in China, was discussed with the suggestion that further data concerning its chemistry might be made available to this agency. The proposed ergot-like alkaloids have been reported in Chinese literature, and were recently studied in this field are carried on in the ... area now further into is expected through cooperation with ...

4. Gilhooley alkaloids. The proposed ergot-like alkaloids in this Florida research are reported in Chinese literature and also discussed. This report has been ... through ... and the ...

5. Through ... have expressed interest in securing specimens for further study and requesting our help in this cooperative research. 513 Fast acting sedative with anesthetic properties. One such substance, faster acting than sodium with anesthetic and hypnotic properties, was suggested. However, the development of selection of such special substances was dismissed, including possibly irritant substances which might be volatile and readily volatilized. They might then be inhaled or inhaled through their vapor and effective through their vapor. There was a definite response to the possible use of drugged cigarettes, suggested by ... and adopted in the use of asthma cigarettes, containing the leaf of *Latura stramonium*, and in the administration of Atetrol (tetrahydrocannabinol). This latter use had been reported by ...

A
B/S
B/S

As a Secret Document. In the petrol cigarettes the preparation of the alcohol solution was injected into the core at one or both ends of the cigarette was sufficient, the effect was noted within 15-20 minutes.

4. Non-habit forming Sedative. The preparation and distribution of a new and sedative and hypnotic, comparatively non toxic in acute and chronic use, and apparently not habit forming, is now under way. It is either identical with or similar to the German "Solocentil" (ethyl-cyclohexyl-allophenate), developed in West Germany by Chemische Werke, Rheinpreussen (of Greenhall). The description of new sedatives, unsaturated alcohols: methylpentinol, methylbutinol, methylpentinol, ethylcyclohexanol and their esters is reported in "Arzneimittel Forschung", Vol. 4, 477-479, 1954.

5. Cooperative research. Since the management has been even willing to cooperate with the Government, never accepting compensation and in fact offering to contribute a large sum to Government research, no difficulty was experienced by the staff workers, consulted in initiating special research work along the lines suggested. It was suggested to make the contact through

6. Personnel. The personnel of the company secured for the purpose of the project at this agency, including possibly its own staff, and possibly its own staff, and possibly its own staff, and possibly its own staff.

7. Background. In addition there are members of the staff, possibly one of them, the background of these workers is

8. Which. The background of these workers is

B/3

B/5

B/3

C

B/3

B/3

B/6

B/3

causing acute asphyxia, without rapid death.

... bearing both agent, causing acute inflammation, especially
... usefulness of sodium, suggested by ...
... physiological properties as a means of the difficulty of handling it
... purpose is made ... suggested among the possibilities of
... used in the case of methyl chloroform, a liquid becoming solid at low
... boiling point of atmospheric pressures. However, he admitted that
... compounds including trichloromethyl, tetrachloromethyl, trichloroethylene,
... were tested for the purpose as far as he knew and a selection
... was made.

[illegible]

...the
... ..
... ..
... ..

He has been interested in a long time in
the world which plants he grows in his laboratory,
which he doesn't consider a dangerous parasite
because that kind of insecticide is the one we have
other than all other insects and it's very interesting
to find out how they spread from

[illegible]

5. Monkey Behavior Study: Robert H. Rumbaugh has been observing the behavior patterns through daily observation, followed that in addition to the emotional symptoms of anger, jealousy, fear, anxiety and worry, the evidence of hallucination may be detected in monkeys after administration of hallucinants. The work with more intelligent and gentle Apes, in contrast to the vicious rhesus monkeys such as the gibbons from Thailand, would therefore be a very attractive prospect, providing a valuable addition to our knowledge of testing

personnel and agents in Bangkok. This explanatory guide would be passed on and handed out to be carried out with a fixed stock of standard questions. It would be much interested in this phase as well. My assistance in obtaining young gibbons for testing and breeding directly from Thailand through close acquaintance with key personnel in the Thai port, customs and dispatch may be acceptable to the army and the state department. This is a

...exchange of potent materials... based from his stock of...
...without charge, a substance... amount of... of...
...in the open market of 20 dollars a day, appearing in...
...of... for exploratory testing.

... ..

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

1990-1991

1. The following information is being furnished to you for your information only. It is not to be used for any other purpose.

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

U.S. DEPARTMENT OF AGRICULTURE

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... who spent many years in a responsible position in the
International Government Section and could speak fluently, according to some

Specialist in pharmacological research, specialist in anaesthetics, general therapeutics, hypertension, anticonvulsants, toxicology, etc.

1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator who is responsible for the study. The investigator must first identify the problem that is being studied. This is done by the investigator who is responsible for the study. The investigator must first identify the problem that is being studied.

1977

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1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

100

The following problems were assigned as homework for the next day:

The head of the family, selected by the majority, as a special field of research and Richard was discovered after studying the contents of sarcophagi and

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... of this country, a general ban on the export of
... to prevent the development of certain ...
... of the ...

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

known to be personally since 1944, had been married, and
had also been divorced, for a lifetime.

For many years, he explored and collected in various parts of the world, including Europe, Africa, the Philippines, where he is known as a scientific explorer. His guidance was very helpful and his determination, persistence, and energy are expected. Through his help, the extension of his collection may be directed to the following areas:

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1. The following specimens were collected during the expedition:

2. The following specimens were collected during the expedition:

3. The following specimens were collected during the expedition:

4. The following specimens were collected during the expedition:

5. The following specimens were collected during the expedition:

6. The following specimens were collected during the expedition:

7. The following specimens were collected during the expedition:

8. The following specimens were collected during the expedition:

9. The following specimens were collected during the expedition:

1992

1. The first step in the process of the investigation is the identification of the problem. This involves a thorough review of the available information and a clear definition of the issue at hand.

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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...and the *Journal of the American Medical Association* (JAMA) ...

A/C 5, 3476

11/1/50

I am sending you this indirect communication since my time is so limited before I leave off to Europe. I thought I would send off a few notes with you for your collection and the record.

1. I am attending a meeting of the "American Society for the Study of the Problem of Negroes" in New York City. It is possible that I will be able to meet with you there. I am sure that you will be interested in the work of the Society. The meeting is being held at the Hotel New York. The program is as follows: Monday, November 1st, 8:00 PM, Dinner and Entertainment. Tuesday, November 2nd, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Wednesday, November 3rd, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Thursday, November 4th, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Friday, November 5th, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Saturday, November 6th, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Sunday, November 7th, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. The meeting is being held at the Hotel New York. The program is as follows: Monday, November 1st, 8:00 PM, Dinner and Entertainment. Tuesday, November 2nd, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Wednesday, November 3rd, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Thursday, November 4th, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Friday, November 5th, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Saturday, November 6th, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Sunday, November 7th, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment.

2. There is a meeting of the "American Society for the Study of the Problem of Negroes" in New York City. It is possible that I will be able to meet with you there. I am sure that you will be interested in the work of the Society. The meeting is being held at the Hotel New York. The program is as follows: Monday, November 1st, 8:00 PM, Dinner and Entertainment. Tuesday, November 2nd, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Wednesday, November 3rd, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Thursday, November 4th, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Friday, November 5th, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Saturday, November 6th, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment. Sunday, November 7th, 10:00 AM, Registration. 1:00 PM, Session on the Negro in the United States. 8:00 PM, Dinner and Entertainment.

3. This is again to remind you that in the near future you may be called upon to prepare reasonably substantial amounts of Neopallene, 100-15 and tetra-hydro-cannabinol. I do not know what amounts will be required but any information will probably come through the Bureau. You will also need to prepare funds for necessary money involved in the transactions. I am sure, I am sure of this and aware of your ability as a producer of rare items. I do not again have to remind you that this type of transaction should be very deeply concealed since our interest in this must not be known.

4. Have you had the opportunity to secure any information on the new called laboratory that was apparently successfully used at the University of California? I think that that check-out would have particular merit. I think that we should like to find out all details possible and also how can we obtain the material itself?

A/B, S, 34.17

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E

4-6/3

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1. The following information was obtained from the records of the Federal Bureau of Investigation, Bureau of Criminal Investigation, New York City, New York, dated 10/10/68:

[illegible]

1. 2

Office Memorandum • UNITED STATES GOVERNMENT

A/B, 5, 342/8
DATE: 11 Aug. 1953

TO: Chief, Security Research Staff

FROM: Chief, Technical Branch, SRS

SUBJECT: Travel Approval for [REDACTED] A

[REDACTED] has proposed a trip to [REDACTED]
beginning 16 August 1953 and terminating 23 August 1953.

The purpose of this trip is to attend to the following matters
in the order listed:

1. 17 Aug. attend [REDACTED] continuing through 21 Aug.
2. While at [REDACTED] contact under cover [REDACTED] just returned from [REDACTED] H-B/6
3. While at [REDACTED] contact [REDACTED] for list of B/6
collections.
4. While at [REDACTED] contact [REDACTED] in B/6
connection with sources for special plants and plant products and continued
cooperation with [REDACTED] F
5. In [REDACTED] 21 or 22 Aug. contact [REDACTED] re past C
and future collections in [REDACTED] also contact [REDACTED] B/6

If approval is granted, please sign the attached data sheet and
forward to the Chief, Administration & Training in order that Travel Orders
may be cut.

*Discussed with [REDACTED]
w/ [REDACTED] 8-16-53
[REDACTED] approved
[REDACTED] SRS
[REDACTED] A*

Chief, Security Research Staff

22 May 1953

Chief, Technical Branch

Proposed Trip

1. [redacted] has informed me that several weeks ago he had a conversation with you concerning his possible attendance at the annual meeting of the American Medical Association which is to be held 1-5 June 1953 in New York City. [redacted] informed me that you agreed with him at the time that his attendance at this convention appeared to be of considerable interest to ARTICHOKH and the writer, after careful examination of the AMA program, agrees with you in this matter.

2. In addition, [redacted] has proposed stopping en route at various places (which I will set out below) that are of interest to us and are in support of the ARTICHOKH program.

3. In order to do this, [redacted] proposes to travel by automobile and since this is the only way he can make the following stops, the automobile travel is fully justified.

4. Set out below is a brief outline of [redacted]'s proposed trip:

1. Leave 30 May 1953 by automobile.
2. Attend meeting of the AMA at New York City 1-5 June 1953 and specifically study certain scientific and technical exhibits that will appear there of interest to us.
3. Stop on the way back at [redacted] and contact [redacted] there in connection with the "plastic" report. (This report apparently has not yet been sent in since neither [redacted] nor this Office has received word of it and it is considerably overdue. [redacted] knows [redacted] personally and no extra arrangements are needed for this contact.)
4. Inspect the [redacted] for certain botanicals.
5. Inspect various mushroom houses and various scientific exhibits in mushroom growing areas [redacted]

(Nos. 3, 4 and 5 can be accomplished 5 and 6 June approximately)

6. Return to Washington, D.C. either 6 June or 7 June depending upon results of above inspections.

5. In connection with the above, this Office is arranging through OSI channels to procure the necessary credentials for [redacted] to attend the AMA meeting.

6. It would be greatly appreciated if you would approve this memorandum and refer it to the Administrative Office for their handling [redacted] travel.

A [redacted]

Office Memorandum • UNITED STATES GOVERNMENT

TO : Chief, Security Research Staff
 FROM : Chief, Technical Branch
 SUBJECT: ARTICHOKE Conference, 20 March 1953

A/B 5/342/11
 DATE: 20 March 1953

1. On 20 March 1953, between 10:00 and 11:00 AM, [redacted] and the writer discussed [redacted] recent trip [redacted] with [redacted] and [redacted] F

2. [redacted] briefed [redacted] and [redacted] concerning the collection of botanical material and problems involved in this work. [redacted] explained where and how the material was obtained and discussed the many problems involved in obtaining botanical materials in countries in which there are few botanical experts and the country itself is not interested in developing and studying their natural resources.

3. [redacted] pointed out that he is quite familiar with [redacted] and stated he felt research and exploration along botanical lines in this area would be valuable. He thoroughly approved of the trip [redacted] to [redacted] and offered full co-operation of his Division in any future work planned along these lines.

4. It is the opinion of the writer, based [redacted] statements, that he would endorse botanical exploration carried out on a large scale if properly guided [redacted] and is of the opinion that such work would be highly productive.

5. It is the intention of the writer in the near future to propose an additional project for botanical research if [redacted] probably using post-graduate students in botany and [redacted] support along these lines is regarded as important. The writer feels definitely that [redacted] will support such a project without reservation on the basis of his own research, travel and knowledge.

*Sounds fruitful but
 first wait and check
 the results of this first
 trip before we encourage
 an extended project* A

24 Mar 53

Feb. 1953

A/B, 5, 3-1/2

I learned out your very helpful suggestion to go to the A Embassy
with my problem. Then the wholehearted cooperation of [redacted]

[redacted] I am able to turn over
the responsibility to the Air Line, who with the Air Force, and 1/2
the power of the Cuban people, and an important person both at the
[redacted] Council in the [redacted] - correspond agreed to help the material
direct to me in case [redacted]

The employees of the A-Union were most helpful and indicated
that the next other specimens would likely be Washington airport by
Friday, 17th. This cooperation enabled me to complete my plans
to collect certain material [redacted] The work exceeded
beyond my expectations. Only my last week's efforts [redacted] will
be equally successful. Being somewhat of an exploring trip for
material, orientation, valuable contacts and opportunities for
future exploration. The time available passed all too fast.

Of course, I took pains of the most important birds with me - so
that if anything should happen in the air - either to the man
inherent or to me - the mission will not be a failure.
I am eager to report to you and others interested and only
hope that my efforts - made possible through your indication and
planning - with the results obtained will furnish the foundation for
further action.

Believe me very sincerely
and gratefully yours

A

A

infected, [redacted] reached [redacted]

Washington, D. C.
10 February 1953

Dear Sir:

I am enclosing herewith the Import Permit you requested in your recent correspondence to me. The permit, as you note, was issued at the [redacted] and being the [redacted] on 9 February 1953. B/3

I regret very much the delay, but [redacted] has been sick with the flu for the past ten days and only returned to his office on Monday of this week. H-B/6

If you will note, the permit is issued to bring plants or plant seeds into the United States through the port of [redacted]. I do not know how you planned to return to Washington, but in view of the point of entry set out in the permit, I believe you will have to enter yourself through [redacted] where a copy of this permit has been sent by the [redacted]. B/3

However, if you find this totally inconvenient, I suggest you take the matter up with the [redacted] at the U.S. Embassy and they possibly could give you assistance, although I am not sure of this. If you are able to return [redacted] but have purchased railroad or airline tickets via some other port, there is no problem involved in that connection. Either void the tickets at [redacted] or do nothing about this and we will have them voided when you reach Washington, if you are traveling on any of the standard airlines or railways. This, of course, will require purchase of tickets through [redacted] which you can do on your own funds and subsequently be reimbursed for this expenditure. F

Whatever you do be sure to get receipts showing cancellations or refunds of money and receipts showing purchase of new tickets. This is necessary so you will have no problem of having to account for the funds later.

I hope you are well and that the trip has not been too tiresome for you. We are looking forward to seeing you upon your return.

Very truly yours,

A/B, 5, 342/15

13 October 1953

A On Friday, 2 October 1953, between 3:30 and 4:15 P.M., the writer talked with [redacted] in his office at [redacted] at his request concerning [redacted] and the problems arising from [redacted] his work in connection with the ATTICORNE problem.

[redacted] stated he is "one the horns" of a complete dilemma. He pointed out that [redacted] has worked almost 100% of the time on the ATTICORNE problem for the past few months and heretofore this has not cost him any particular embarrassment as he had other employees to carry out the work but now [redacted] states with the new budget and personnel ceilings, he has lost the services of two employees and that he has received specific instructions from his division concerning a number of problems which require absolute deadlines. [redacted] stated that to complete these projects he needs the services of [redacted] for someone who can carry out the work that should be done. [redacted] stated that [redacted] services are outstanding in that he is a brilliant research man but he has for many months engaged in extensive research work connected with ATTICORNE including the trip to [redacted] and the further work that resulted from this trip after his return. F

A [redacted] stated he in no way minimized the work of the ATTICORNE project and he knew, of course, that much of the work of the ATTICORNE project went across the board into many projects that his division is working on. He stated he felt that definitely ATTICORNE required more research and that he was concerned in trying to find a way whereby the ATTICORNE work and his division could both have the benefit of [redacted] ability and background.

A [redacted] proposed that consideration be given to something along the following lines. He stated that [redacted] had retired a number of years ago and was subsequently brought back to OSI. He stated [redacted] could retire at any time and there was no problem involved. [redacted] stated he had talked to [redacted] concerning the possible transfer of [redacted] to OSI and on this subject had been turned down (possibly [redacted] to SO) on the basis that SO had no slot for a man of [redacted] position and salary.

A this
[redacted] In view of the following idea had occurred to him [redacted] Arrangements could be made for [redacted] to be sent in the Agency as a consultant to both OSI and Security, particularly the ATTICORNE project. He stated that in that way so many days a week he could devote to OSI work and the rest of the time he could give fully to ATTICORNE.

A He stated that in that way, it would give him a chance to bring another man in to fill the slot so occupied by [REDACTED] and would not encumber a slot in OSI or Security. The writer asked [REDACTED] if [REDACTED] has been made cognizant of these ideas and he stated emphatically that [REDACTED] had not been informed of these ideas since they were merely thoughts being expressed to the writer at this time.

A The writer assured [REDACTED] he would certainly not mention this matter to [REDACTED]. The writer then asked [REDACTED] whether or not [REDACTED] and [REDACTED] himself would support the idea of a consultant who would be used in connection with the ARTICHOKE work and whether they both would support [REDACTED] in a consultant capacity. [REDACTED] stated he would support [REDACTED] for such a consultant position and stated, furthermore, he was absolutely certain that [REDACTED] would also support [REDACTED] in this connection.

A The writer made it very clear to [REDACTED] that he could do nothing along these lines himself since it was a policy matter, but stated to [REDACTED] that he would not support anything that would affect [REDACTED] position unless it was with [REDACTED] consent.

A [REDACTED]

Office Memorandum • UNITED STATES GOVERNMENT

A/B 5, 342/16

DATE: 25 November 1952

TO : [REDACTED] Chief, [REDACTED]
 FROM : [REDACTED] Security Research Staff, I&SO
 [REDACTED] Chief,
 Technical Branch, SRS, I&SO
 SUBJECT: Proposed Research - Artichoke

-A
 H-B/3

1. Reference is made to our numerous conversations regarding special proposed plant research in connection with new substances for use in the Artichoke program. As you know, [REDACTED] of OSI has recently returned from [REDACTED], etc.) in connection with research in relation to the plant Piule and other similar plants of interest to us. [REDACTED]'s trip very clearly now establishes that we are heading in the right direction and that the substances in which we have an interest apparently show strong toxic and narcotic qualities.

A

2. On this date, Tuesday, 25 November 1952, the writer spent one and one-half hours with [REDACTED] carefully going over the research to date and then held a fifteen-minute conference, arranged at the request of [REDACTED] with his supervisor [REDACTED] who is Chief of the Medical Division of OSI. As you know, [REDACTED] has to have the authority of [REDACTED] before he can travel or engage in any research although [REDACTED] is Chief of the Pharmacological and Bio-Chemistry Branch of OSI. As a result of this conference, it now appears that an immediate trip [REDACTED] and areas south of [REDACTED] is essential for [REDACTED]

F

3. I am setting out below, under individual headings, the broad ramifications of this trip and request that you and I have an immediate conference in this matter with [REDACTED] and, if necessary, [REDACTED]. I am requesting that the highest possible priority be attached to this trip for reasons which will be clearly explained below:

A

A. Individuals Necessary to See in Mexico.

H-B/6
 F

[REDACTED] had discovered that [REDACTED] a world authority on Mexican plants and narcotic and toxic drugs, is still alive and is residing and working in [REDACTED]. [REDACTED] has an easy entree to [REDACTED] by his cover which I will set out below and should be able to obtain first-rate assistance from this scientist. [REDACTED] has collaborated with [REDACTED] in basic work on Piule and, hence, [REDACTED] will probably [REDACTED] first point of contact.

B/6
 B/3

A
F
In addition, [REDACTED] has arranged necessary contacts with numerous other individuals in the scientific fields in [REDACTED] and nearby to assist in this research.

B. Areas to be Visited in [REDACTED]

A
F
[REDACTED] will fly immediately to [REDACTED]. He will do certain basic research and liaison activity in and around [REDACTED] and from there will proceed south to the [REDACTED] where we have clear records that the local [REDACTED] Indian tribes are reported to have used and are now using Piule and other related narcotic plants. In this area [REDACTED] will do plant research, make field tests, and will procure actual specimens for future work in the United States in connection with the drugs.

C. Time of Trip

A
It is essential that [REDACTED] leave as soon as possible for it has been determined that the collection of plants and seeds, etc. is at its maximum at the present time and will be for the next thirty to sixty days. [REDACTED] estimates the trip will consume thirty to sixty days, including necessary plant research. The writer has ascertained that [REDACTED] is prepared to leave immediately in this connection and is furthermore prepared to undertake the rugged search and plant work required.

D. Assistance Necessary for [REDACTED]

A
F
[REDACTED] has informed the writer that no assistance will be necessary for this trip except as he may require locally [REDACTED]. He is familiar with this area, speaks passable [REDACTED] and has contacts arranged [REDACTED]. [REDACTED] will, of course, require some funds to purchase assistance and possibly to pay transportation costs of any [REDACTED] scientists that [REDACTED] feels may be of value in the field.

E. Authorization to Pass Quarantine for Bringing Plants into the United States

A
F
B/3
[REDACTED] has informed the writer that he and his associates in OSI will take care of all quarantine regulations and conditions necessary for the bringing in of material obtained from [REDACTED] states that this will be done by his contacts in the [REDACTED]. He informed the writer there will be no problem in this connection.

F. Cover to be Used

A
B/3
[REDACTED] will use the cover of the [REDACTED] of which he is a member. He will also be supported by necessary documentation from the [REDACTED] and from the [REDACTED]. He, of course, is a well-known scientist and by reputation alone is able to obtain a freedom of movement that other persons might not be able to do. [REDACTED] will carry the necessary chemical and biological testing equipment with him and bearing certain purchases which he will have to make in the field, will carry nothing that would give away the exact nature of his mission. As an explanation, [REDACTED] will state that he is engaging in medical research having to do with the examination of narcotic drugs for anesthesia and related purposes. This is regarded by the writer as being a completely broad enough field to duly protect our interests.

G. Specific Objects of this Research

A
to
This trip will be to discover, test, and obtain specimens of the plant group known as Pinule and many of its related plants. Research has now shown that these plants have strong narcotic-toxic properties which are of vast interest to Artichoke. At the present time, very little is known of these plants and confusion exists as to which are the ones of greatest interest to us. [REDACTED] will make field tests on the spot in connection with all of these plants to assure us no worthless material is collected. [REDACTED] will use a special test that he has worked out and used for over fifteen years and which he knows to be reliable.

A
B/3

[redacted] has already collected thirty specimens locally ([redacted] etc.) of related plants having toxic and narcotic properties and is presently engaged in testing these plants for properties of interest to Artichoke. Very little is known of this type of plant and extensive research is, therefore, required.

FA

while [redacted] will also attempt to obtain certain poisonous mushrooms, particularly the *PANEOBUS CAMPANULATUS* and closely related species which are found in the area to be visited. In this connection, it is known that these have a narcotic effect and are used by Indian tribes in ceremonies and for other pertinent reasons. It should be noted in connection with the use of mushrooms that the Russians have used narcotic mushrooms to produce ^{intoxication} and mental derangement for some time and, hence, the Artichoke interest in this field.

H. Funds Necessary for this Trip

It is proposed that the Artichoke project pay the total cost for this trip. However, if this is not feasible, it is felt that the trip expenses could be split with OSI although the writer feels that the total payment by Artichoke would be advantageous in this connection. These funds will include all transportation expenses including air travel between [redacted] and return, train fare, automobile, hiring of guides, etc.

F
A

[redacted] should also have funds with him for the purchase of field supplies, food, etc.; for the purchase of technical assistance in collecting material; for purchase of actual specimens in bulk and any other necessary incidental expenditures as would be determined by [redacted]. The writer feels that the trip must not be handicapped because of lack of funds and will recommend that [redacted] be given a substantial advance prior to departure. (The writer estimates that the trip expenses, including purchase of materials, specimens, etc. should not exceed \$2000.00. The cost of a round-trip ticket to [redacted] including Government tax.)

I. Authority for Trip

A
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Permission for [redacted] to make the trip to [redacted] will have to come from [redacted], Chief of the Medical Division of OSI. As mentioned above,

A

in an informal conversation with [REDACTED] the writer
ascertained that [REDACTED] is apparently willing to
give his permission for [REDACTED] immediate de-
parture. A

4. The writer requests that this matter be taken up immediately
since time in this case is definitely of the essence. It is believed
that as soon as the Artichoke problems involved are ironed-out, we
should arrange a conference with [REDACTED] and [REDACTED] and firm
up final details. A

A/B, 5, 347/1

A

The following is taken from a memorandum to [REDACTED] from [REDACTED], dated 14 January 1953 - Subject - Interrogation Techniques:

C

3. If the services of [REDACTED] a trained hypnotist can be obtained and another man well grounded in conventional psychological interrogation and polygraph techniques, and the services of [REDACTED] a well-balanced interrogation research center could be established in an especially selected location.

C


A

[REDACTED] 3-3-53

A/B, 5, 349/1

27 January 1961

MEMORANDUM FOR:

 A
Director, Office of Security

SUBJECT :



H-B/3

B/3

B/3

8. We also discussed the use of sodium pentathol as an anesthesia, and its relative effectiveness as a drug for loosening the tongue. [REDACTED] said that it is his conclusion after years of experience with it, that a patient will speak no more freely under the effects of sodium pentathol than he will after liberal consumption of alcohol. It lifts inhibitions indeed, he said, but should not be considered more effective for elicitation than getting a man drunk.

H-B/6

B/3

A
G

[REDACTED]

A/B, V, 353, 3

December 6, 1956

 C
My Dear _____

_____ and I wish to thank you for your consideration and interest in the matters we discussed with you a week ago Wednesday. The problems are unusual and unique, and as we mentioned to you they have caused us to reverse and change our thinking in many ways. We thought that we would set out for your consideration again the basic problems that concern us and let you consider these matters in whatever free time you can spare. We know you are very busy, but we also know that a challenge like this to a man of your training and ability is difficult to resist. Set out below are merely a series of headings. Some of the details we discussed with you at our last meeting and we hope in the near future we can go over these matters again with you. Any ideas you may have or even random thoughts, we know would be most valuable.

1. The production of amnesia which could be regularly and successfully produced is of extreme importance.
2. Indirect, secret or concealed induction methods are always of interest.
3. Mechanical, visual, or auditory stimulation that will produce H or any suggestible state would be most interesting as far as we are concerned. The names of any experimenters in this field and their experiments no matter how weird, inconclusive or unusual are of interest.
4. The use of any drugs, chemicals, gases or aerosols that could be or have been used as a trigger in this work are of interest.
5. Long range or extremely complex problems in post-hypnotic control are of interest.
6. Any ideas concerning the use of H or suggestion by orators to audiences of various sizes are regarded as important, particularly tricks of oratory, voice level studies, lighting effects, stage effects (or stage dressing).
7. The question of the use of olfactory stimulation by incense, perfume or other types of odors as an

adjunct to H or suggestion is of interest.

8. Any knowledge which you may have of large audiences being affected by moving pictures, television broadcasts, etc. would be appreciated.
9. The possibility of developing a speaking technique before large audiences which would include mannerisms designed to heighten group susceptibility.
10. Any knowledge of experiments involving the classic theory that a person under H will not act against their religious background, training education, etc. is of interest to us.
11. Any ideas of experiments which would tend to prove some of the above or would seem too dangerous, too shocking, too "unusual" for routine testing would be of interest to us.
12. Any knowledge that you may have of the induction of H by force such as the carotid artery technique or induction following shock or trauma interests us.

We grant that the above list is long and that any item individually could well deserve a Ph.D. thesis but we feel with your background and your long connection with this work any comments or ideas you may have should be very valuable.

[redacted] and I are looking forward to talking with you again. This probably will not be until after the New Year, but whenever it is we will call you in advance so that arrangements can be made at your convenience. Perhaps next time we can have dinner and go to some area more secure than your office at Rutgers. A

Let me again remind you, although I know it is not necessary, that the matters we are discussing are most sensitive and are very highly classified. If you wish to keep the list of subjects for consideration, cut them out of the letter and destroy the rest. Again let me say that we have greatly appreciated your consideration and assistance.

Sincerely yours,

[redacted] A

A/B, IV, 353, 4

8 February 1957

Dear [REDACTED] C

We were delighted to receive your most interesting letter of 22 January 1957. Sorry to hear of the attack of arthritis and we hope that it is better now. [REDACTED] and I have gone over your material and suggestions and find them very useful. C

The problem of the use of hypnosis by a public speaker or some related technique which could be used by an individual to control or influence a crowd is of considerable importance and as you have noted there is very little information along these lines anywhere. This area is particularly interesting to [REDACTED]. He told me that he will obtain [REDACTED] book immediately.

Your comments concerning the possibility of making the subjects do something against their ethical or religious convictions were also extremely interesting. Unfortunately, these single tests, without proper conditioning or properly building a background are not too valid. In general, your examples cover most of the experience in the field. However, the next time we see you we will tell you of some unusual work and results with which we are familiar. I found your reaction to the carotid artery technique interests me. Some people insist the technique is very dangerous and your reactions convinced me that this area could stand a great deal of work. I have not tried the technique myself but have been present when it has been done. There is some debate as to whether or not this is true hypnosis or a coma-like condition produced as a result of pressure on the artery. I'll have to start looking for volunteers.

The rest of your suggestions and ideas are very worthwhile. As I said before I hope to discuss them with you in the near future at some greater length. C


[REDACTED] And I know that you are very busy what with teaching and the special work you do for the [REDACTED]. We were, however, very impressed with you honesty in this field and the fact that you were willing to spend some of your valuable time with us. Sometime in the near future we will get in touch with you and try to arrange it so that our visit will not interfere with any school work or other work you may be doing. I am very much in favor of informal discussions in this field at some quiet spot and perhaps we can arrange it so that you could come to

the local hotel and have dinner with us and talk later.

While I know it is unnecessary for me to again caution you concerning the highly sensitive nature of this material, I will ask you to destroy this letter when you have read it.

With kindest personal regards.

Very sincerely,



A

A/B, V, 361, 1

3/3/53

The following is taken from a memorandum to [REDACTED] dated 14 January 1953:

9. N-allyl morphine hydrochloride, C₁₇H₂₁NO₃, has been reported by [REDACTED] as an effective analgesic agent, and has a respiratory stimulating effect against respiratory depression caused by morphine, Methadone, Dilaudid, Demoran, Pentopon, Demerol, Codeine, Meperon, and Nisontil. It does not counteract non-narcotic agents. It is reported to be effective against lethal overdosage of the narcotics which might be used by some foreign countries. It is not effective against fatal doses of depressants of the central nervous, respiratory or circulatory systems due to drugs other than the narcotics.

[REDACTED]

MEMORANDUM FOR THE FILE

29 May 1952

SUBJECT: Proposal for Research on Methods of Eliciting Information

1. On 21 May 1952, following a telephone call from [redacted], [redacted] suggested that CIA might care to consider a proposal for [redacted]

[redacted] on the subject of [redacted] or [redacted] information. [redacted] was contacted and obtained the proposal dated 11 August 1951. A thermofax copy of the proposal is attached. B/C

2. A review of [redacted] proposal indicates that it is principally exploratory in nature and it offers little of a specific nature to supplement active or previously terminated projects of a similar nature. Accordingly, and in view of the large sums of money requested, it is recommended that this proposal not be considered by CIA. B/C

3. The original proposal was returned to [redacted] on 28 May 1952. He was advised that CIA was not currently interested in such a proposal, however, if interest in such an exploratory program should develop in the future, that he would be contacted. B/C

Attachment: 7 pages - "Proposal for Research on Methods of Eliciting Information"

Thermofax copy attached to OSI copy

D
R
A
F
T

*Will send via
op other stuff*

A

11 Sept 1530
A/B, 6, 32/2

R
A
F
T

11 September 1951

SUBJECT: Request to Forward Medicines, Drugs, Ostensible Toilet Articles, etc. Secured from Captured Hostile Agents, Operatives or Defectors.

1. sometimes come into control of hostile agents and operatives or of defectors from whom are secured what are believed to be medicines, drugs or other similar compounds intended by them for aggressive use. It is desired that all stations forward to Washington, by the most expeditious means the complete quantity of such compounds secured, in original containers when feasible, together with such implements for its administration as may also have been secured from the agents, operatives or defectors. In the event the quantity of the compound or the bulk of the instruments is so great as to preclude expeditious shipment, this headquarters will be notified by cable and instructions for disposition will be provided. Precautions should be taken in packing to protect materials from the harmful effects of moisture, rough handling, etc. G

2. will also ship to Washington by the most expeditious means all ostensible toilet articles, i.e. soaps, personal medicines, tooth paste, chewing gum, candies, etc. secured from persons (agents, operatives or defectors) from whom medicinals of the nature described in paragraph 1 above were also secured.

3. No laboratory or other analyses will be undertaken in the field of the materials described in paragraphs 1 & 2 above without explicit prior permission of this headquarters.

4. This headquarters will be notified immediately by cable whenever any comes into possession of material of the type described in paragraphs 1 & 2 above. Such notification will describe the full circumstances under which the material came into the possession. Instructions as to use and alleged effects of the use or administration of the materials will be provided. Headquarters in as much detail as can be elicited from the source. G

COPY

COPY

COPY

A/B 6, 32/3

COPY

Rescinded

8 May 1950

H-B/3

F

TO ALL

CHIEFS

SUBJECT: Interrogation Techniques

B/3- 1. This Headquarters is interested in collecting on a continuing basis the following types of information on interrogation (or interview) techniques used by security police organizations, police departments, court rooms, and intelligence services throughout the world, with emphasis on ~~the following~~ methods:

- a. General Interrogation: Routine interrogation methods, both formal and informal, utilizing non-technical procedures to obtain the desired information.
- b. Technical Aids to Interrogation:
 - (1) Physical: Various methods of physical persuasion utilized to elicit information from an uncooperative individual,
 - (2) Psychological: Threats, inferences, promises, and extended procedures utilized in special interrogation approaches, softening-up processes and inducements.
 - (3) Mechanical: Various drugs, such as the so-called "truth serums", utilized to break down inhibitions and resistances and to produce short or prolonged control or influence over the subject. Also mechanical techniques used as a form of medicinal duress to produce pain or discomfort to the subject.

2. Headquarters is keenly interested in securing all available information concerning this subject and you are instructed to take all possible action to fulfill these requirements without interfering with other priority assignments of your

F

A/B, VI, 43, 1

TO: [REDACTED] A
VIA: Director of Security
VIA: Chief, Security Research Staff
FROM: Chief, Technical Branch

DATE: 29 April 1953

Reference is made to our recent conversation regarding possible use of the ARTICHOKE techniques in the cases of certain selected [REDACTED] F
Set out below is a brief statement of proposed activities along these lines for your consideration:

A. GENERAL PROPOSITION

ARTICHOKE is interested in handling through its various techniques 1) the hardcore [REDACTED] and 2) those [REDACTED] F
who have been exposed to and accepted in varying degrees Communist indoctrination. The reasons for this are simple: 1) we wish to use these [REDACTED] as unique research material in the ARTICHOKE work and 2) these [REDACTED] (particularly the hardcore types) have extremely valuable information from an intelligence point of view which this Agency, [REDACTED] can use. H
This information in general, which ARTICHOKE would attempt to obtain, would be along the following lines: 1) Communist penetration of [REDACTED]; 2) Communist methods of Communication and establishment of identities; 3) Communist instructions and training for members of [REDACTED]; 4) individual names and their work; 5) Communist indoctrination techniques, education centers, camps, etc.; 6) Exposure of secret instruction for contacts, missions, etc. for [REDACTED] + *brainwashing*; 7) general political information on [REDACTED] still in [REDACTED] and on other [REDACTED] F

B. NUMBER OF CASES REQUIRED

Any key subject or subjects would be of interest to ARTICHOKES but a basic minimum of five (5) hardcore types and five (5) indoctrinated types would be essential for a detailed study. More than this, of course, would be eminently desired.

C. COVER FOR THE ARTICHOKE TECHNIQUES

Cover in this situation is perfect -- a pure medical cover in a controlled area. All ~~ARTICHOKES~~ are receiving ~~the~~ medical treatment and some probably will receive psychiatric care. The ARTICHOKE Team medically will be top-flight doctors and all others with ARTICHOKES are basically ^{just medical} ~~covered~~ in special covers. F

D. ARTICHOKE TECHNIQUES

If given the opportunity of applying ARTICHOKE techniques to these cases, the following techniques will be used -- (individually or in combinations):

1. A standard pentathol -- ^{approach} Desern-type ~~approach~~.
2. Hypnosis (either narco-hypnosis or direct hypnosis).
3. Use of a new special chemical (SILVER). Details follow:

- a. ARTICHOKES has successfully used a modified "truth serum" approach. Various drugs are used generally following pentathol. The method is intravenous injection. Direct questions, regression, reorientation, etc. are all attempted.

4. 

- b. Also successfully used is hypnosis. It can be used after a chemical starter such as pentothal (very small dosages) or under certain circumstances can be used directly. Post hypnotics for continued work are always given.
- c. Use of MEVINEX: This new chemical is in the development stage. It produces disorientation, confusion, talk, expansiveness and other peculiar phenomena. Intelligence effectiveness is uncertain but ^{may} be high. Some characteristics and data are as follows:

DATA: --

- (1) To date the chemical has been tested on 40 normal subjects and a large number of schizophrenic patients. No fatalities, no trouble indicated -- the toxic quality is extremely low.
- (2) Dosage Levels: Effective dose -- 30 ~~mg~~ ^{micrograms} per man with dosages given without harm up to 300 micrograms per man. Calculated lethal dose -- 4,000,000 micrograms for a 140-pound man.
- (3) Effective Period: In dosages of 70 to 150 micrograms, the effect begins about one-half hour after ingestion; peak reached in about 2 to 4 hours; and the effect lasts from 2 to 10 hours after ingestion.
- (4) Properties: The chemical is colorless, odorless, tasteless and soluble in water. It may be given in ~~alcohol~~ ^{beverages}, liquors, beer, etc. in hot or

E. ARTICHOKE TEAM MEMBERSHIP

To bring the ARTICHOKE techniques to bear, the following Team and necessary observers are proposed:

1. [REDACTED]
2. Top-flight anesthesiologist (possibly an [REDACTED] or could be assigned by [REDACTED] or chose from the [REDACTED])

A man of the type of [REDACTED] an anesthesiologist who is familiar with the ARTICHOKE problem and has done considerable work in this field would be ideal. [REDACTED] probably could not be brought East in time and it is doubted if he could leave the [REDACTED]

3. [REDACTED]
4. [REDACTED]
5. [REDACTED] (to handle technical arrangements).
6. [REDACTED] professional consultant in hypnosis to the ARTICHOKE Project.
7. An official observer from [REDACTED] to act as consultant and give advice in the use of the chemical [REDACTED].

F. AREA REQUIRED FOR ARTICHOKE WORK AND TECHNICAL ARRANGEMENTS

The ARTICHOKE work will require one room of a hospital-type bedroom or sittingroom bedroom and an adjoining room for observation purposes and monitoring. Also required is a nearby or preferably adjoining toilet. The ARTICHOKE technical arrangements will be carried out by [REDACTED] technical associates. Complete

tape recordings and two-way communication systems will be set up and if at all possible a two-way observation mirror will be installed. These technical details will be implemented by [REDACTED] and all technical equipment will be furnished by the ANTICRIME Team. A

G. TIME REQUIRED FOR EACH SUBJECT

It is difficult to estimate the amount of time required for each individual subject but previous ANTICRIME sessions have lasted from 2 to 4 hours per session. It is possible that three subjects could be handled per day. The ANTICRIME Team as a rule requires more than one session with each subject.

II. SECONDARY PROPOSITION

If the full ARTICHONS treatment involving the techniques as set out in the basic memorandum cannot be brought to bear in these cases, it is proposed that those techniques which can be used in a subtle manner might be attempted ^{then} ~~in these cases~~.

In connection with this, those chemicals which could be given orally and could be successfully concealed in common liquids might possibly be tried in this type of experimentation. This particularly holds true for the new chemical referred to above, GEMMUM, which as noted is colorless, odorless, tasteless, soluble in water and the effective dose is in very small quantities.

At the same time, a method might be worked out perhaps coupled with the above suggested chemicals of obtaining hypnosis in the handling of some of the cases. Although this probably could not be achieved directly it might be achieved through some very subtle approach or in connection with the effects of the previously mentioned chemicals.

While the writer has no knowledge of what treatments may be necessary for the individual , it appears conceivable that some of the ARTICHONS work might be brought to bear in direct connection with medical treatment. This possibly should certainly be explored.

Office Memorandum

UNITED STATES GOVERNMENT

A/B, VII, 1, 3

TO : Deputy Director of Security
VIA : Chief, Medical Staff
FROM : Chief, Program Coordination Division, Medical Office

DATE: 8 April 1953

SUBJECT: ARTICHOKE; Evaluation of Hypospray

1. The Medical Office has completed preliminary investigation of the Hypospray. In view of the many derogatory findings, it was felt advisable to submit this report so the merits of the project may be re-evaluated.

2. [REDACTED] are the principal commercial firms conducting research in the development of the Hypospray. Responsible officials of these firms have been contacted, debriefed and the research results evaluated. These officials uniformly agreed that the Hypospray has not proven to be successful and thus far is not a satisfactory substitute for the standard needle and syringe injection technique. They concurred on the following specific details:

a. The Hypospray does not provide consistently painless injection.

b. Bleeding regularly accompanies jet injection, similar in degree to that encountered with needle injection.

c. Any movement of the device during injection results in multiple lacerations of the skin.

d. The Hypospray might possibly inject through the thickness of a shirt, but the administered dose would be decreased, and the injection would not be sterile. It is not felt injection through clothing would be effective.

e. The effective dose delivered and the depth of penetration cannot be determined accurately. (Consequently, the rate of absorption and eventual effect of the true drug used in ARTICHOKE work cannot be predicted with acceptable accuracy.)

f. The Hypospray cannot be used for intravenous injections. This is significant because interrogation techniques utilizing drugs require use of the intravenous route.

g. The Hypospray can administer a maximum of 1 cc. of material; in order to administer 2 cc., the device would have to be at least doubled in size.



h. Ampules containing 1/4, 1/2 and 1 cc. of medication have been developed. Of the two or three types developed, none have proven completely satisfactory.

i. The Hypospray is capable of injecting practically any solution, even those quite viscous. Suspensions can also be injected if the particles are not too large.

j. The hypospray is the most effective jet injection device developed to date. It is approximately 9" long, 1 1/2" in diameter and weighs 1200-1500 grams. Many experimental models of smaller size have been developed, some of fountain pen size, but these were discarded because they contained only 1/50 cc. and the effective amount administered varied considerably. Five experimental jet injection devices were examined at the [REDACTED] and thirty five at the [REDACTED].

k. No way has been found to eliminate the noise made by the instrument at the time of release.

3. [REDACTED] suggested to the Research Department of the [REDACTED] that the size of the Hypospray might be reduced by utilizing a compressed gas such as nitrogen as a power source. They felt such a device would be mechanically feasible and would probably reduce the size considerably. The Research Director stated that a project to develop this injector would cost about [REDACTED]. Such a device would probably not correct the other objectionable features listed above.

4. The Medical Office notes with misgivings the generally pessimistic attitude of those engaged in the research and development of the Hypospray and their tendency to regard it as a "white elephant". The impression was gained that the major objections are intrinsic to the jet injection principle and will be most difficult to eliminate. This Office cannot help but feel that the Hypospray is of no value in its present state of development and that the project should be abandoned except for periodic checks with the researchers to follow progress made. In the event a jet injection device of sufficient merit to be acceptable for general medical use is developed, steps would be taken to determine the possibilities of adapting it for clandestine use. The further refinements required for clandestine use would include elimination of noise, decrease in size and study of its effectiveness through clothing, since these are minor factors in its general medical use.

5. Decision as to the future of the project rests with Inspection and Security Office Staff, due to your greater knowledge of potential operation uses of the device. Investigation has been halted pending your decision.

[REDACTED] (27 Mar. '53)
Distribution:
Orig & 1 - addressee
1 - File

Via: AIR

2 January 1954

To: Chief, [REDACTED] G
From: Chief of [REDACTED] F
Subject: General - Operational [REDACTED] J
Specific - Request for Technical Assistance

1. This dispatch is concerned primarily with an urgent request for [REDACTED] action, but because of the nature of the request it would be a waste of time to route it directly to [REDACTED]. Instead, it is requested that the appropriate [REDACTED] officer discuss the problem with [REDACTED] or his designee and that they together approach [REDACTED] with a request for action. J
2. This station is convinced that the [REDACTED] approach is the most probably productive way of obtaining information on [REDACTED] plans and activities vitally affecting our national security. We have accordingly placed a great emphasis on [REDACTED] activities, and seven of the eight staff members of the [REDACTED] station have been spending the majority of their time on [REDACTED]. The Chief of [REDACTED] also devotes a large proportion of his time to [REDACTED] designed to increase the effectiveness of [REDACTED] operations. We are aware from discussions with visitors from Headquarters and other stations that [REDACTED] is probably unique in devoting so large a proportion of its efforts to [REDACTED], and we desire to move ahead as rapidly as possible in order to determine whether or not our decisions has been wise. F/I
3. We appreciate the guidance Headquarters has been supplying designed to encourage direct defection approaches to [REDACTED] in [REDACTED] and under no circumstances will we forget that the [REDACTED] defection of a [REDACTED] is the major purpose of [REDACTED]. We believe, however, that a successful defection will probably be a result of our taking advantage of a target of opportunity when it suddenly arises; of course, our extensive [REDACTED] and [REDACTED] coverage put us in an excellent position to learn of such targets and to exploit them effectively when the time does come. In the meantime, however, we believe that we can stage effectively non-defection [REDACTED] type [REDACTED] operations which will, unlike our present [REDACTED] J

APPROVED FOR RELEASE
DATE 1 JUN 1978

cc: TSS
cc: [REDACTED] G
cc: [REDACTED] A

File: H [REDACTED] 86

F/H

H

I [redacted] and [redacted] operations, produce significant intelligence information on [redacted] activities in [redacted] and not merely further "operational" information. At the moment by far the most promising approach would seem to be the use of drugs designed to induce [redacted] to answer questions which they would not otherwise answer.

4. A [redacted] has discussed the use of such drugs with [redacted] in A Headquarters last April and again when [redacted] visited [redacted] and at both times was given the promise of support if we could demonstrate that [redacted] here could be predictably maneuvered into locations controlled by our personnel for a reasonable length of time while not in the presence of any other unfriendly bodies; this condition has now been met beyond all question. A [redacted], of [redacted], has informed us that the Chemical Research element of [redacted] has already developed drugs of some proven value in attaining the result we desire. We urgently request that whatever drugs may be now available be supplied [redacted] as soon as possible, together with instructions and guidance for use.

5. It should again be emphasized that [redacted] is not in the same position in regard to [redacted] as are other stations; we have competent personnel with a wide variety of [redacted] talents and experience; we have "operational" [redacted] information probably unequalled in quantity and in scope by any other station, which can enable us to ascertain with certainty (by the use of test questions) the effectiveness on the subject of the drug being used; we can produce any one of a large number of [redacted], probably [redacted] or [redacted] in [redacted] controlled locations with no other persons present except our own nationals. How long this extremely favorable [redacted] situation can be maintained is not certain and thus urgent and prompt action is requested.

6. Our [redacted] contacts are more than anxious to cooperate in smoking American cigarettes in large quantities and in drinking our whisky, brandy and beer. At least one [redacted] and we have reason to suspect that [redacted] (might be another) time after time cooperates to the extent of drinking enough to make him definitely intoxicated even with un-doped drinks.

7. We fully understand that the ultimate objective of [redacted] is to develop an easily administered drug which will cause the victim to respond to questions and then come out of the effects of the drug without remembering anything about what he has done. We would like to request, however, that [redacted] operations not be delayed until such a miracle drug is perfected. It is enough that the victim may not be entirely sure what he said, even though he knows he was talking loosely, or even that he remain aware of having made the answers he did provided that he not be certain that he was drugged (but merely think that it was the result of the alcohol). It is not necessary that we be certain that the drug will produce truthful answers, for we are in a position to check this in great detail by reason of our present [redacted] operations.

8. Please keep us advised of the progress made in acting upon this request in order that we may be accurately guided in developing our controlled social contacts with likely victims.

31 December 1953